Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
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Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
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Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
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Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
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Тамбов (4752)50-40-97
Тверь (4822)63-31-35
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Тула (4872)33-79-87
Тюмень (3452)66-21-18
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Улан-Удэ (3012)59-97-51
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Хабаровск (4212)92-98-04
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Череповец (8202)49-02-64
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Технические характеристики на хиральные катализаторы и лиганды, неорганические катализаторы, NHC-лиганды и комплексы компании Sigma-Aldrich

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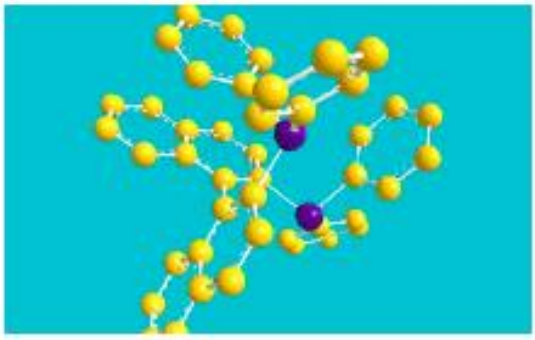
Chiral Catalysts & Ligands



The quest for novel, efficient chiral catalysts and ligands for enantiopure molecules is an ongoing endeavor in the pharmaceutical, flavors and fragrances, and agrochemical industries. Nearly 85% of new drugs in the market are chiral. This need has led to developments in asymmetric synthesis of chiral ligands and metal complexes. In 2001, the Nobel Prize rewarded the pioneering work of Knowles, Noyori, and Sharpless in the development of catalytic asymmetric synthesis, highlighting the importance of chiral synthesis in chemistry. With the pioneering work of Noyori in the 1980s with BINAP ligands an era began where catalysts and ligands became more effective and selective. Hydrogenation, hydroformylation, hydroboration, hydrosilation, and cross-coupling are some of the more popular applications using chiral ligands.

Highly effective asymmetric catalytic systems give access to arrays of chiral building blocks used in the synthesis of natural products and drugs. Among the plethora of chiral ligands, a few stand out because of their versatility. The common feature of these “privileged” ligands is their C2 symmetry, reducing the number of possible isomeric metal complexes and the number of different substrates. Among the most recognized family of chiral ligands, BINAP, salens, bisoxazolines, and tartrate ligands represent the original “privileged ligands” classes that affect a wide variety of transformations under outstanding enantiocontrol and with high yield. A second wave of privileged ligands has surfaced with the DuPhos phospholanes, DSM phosphoramidites, Solvias Josiphos families, the Reetz and Trost ligands, and ChiralQuest phosphines. These outstanding ligand families have proven their success in industrially useful reactions such as hydrogenations, aldol reactions, and asymmetric allylic alkylations, and gained much attention from the synthetic community due to their ready accessibility and modular nature of their design.

The majority of chiral catalysts, also known as asymmetric catalysts, are formed from chiral ligands with transition metals. Even at low substrate-to-catalyst ratios, these catalysts are highly efficient, making them excellent synthetic tools, even at industrial scales. There are also numerous metal-free chiral catalysts, such as the MacMillan imidazolidinone organoCatalysts or the proline-based organocatalysts. The **MacMillan catalysts** are used to catalyzes asymmetric indole alkylations, Friedel-Crafts alkylations, and a broad range of conjugate addition reactions in high enantiomeric excess. Organocatalysis provides convenient methods to construct complex chiral compounds with operational simplicity and without the need for metals. Excellent selectivities are observed in various asymmetric organocatalyzed transformations.

We are committed to providing unprecedented accessibility to chiral catalysts and ligands to make your breakthroughs feel closer than ever. These state-of-the-art “privileged ligands” are used in a wide variety of C–H, C–C, C–N, and C–O bond-forming transformations. For a complete listing of

products related to privileged ligands, view our products below, or refer to our organocatalyst or transition metal catalyst pages.

35605
(−)-(8,8-Dichlorocamphorylsulfonyl)oxaziridine
≥95.0% (T)

668494
(−)-1,2-Bis[(2*R*,5*R*)-2,5-diethylphospholano]benzene
kanata purity

667811
(−)-1,2-Bis((2*R*,5*R*)-2,5-diphenylphospholano)ethane

405000
(−)-2,2′-Isopropylidenebis[(4*S*)-4-phenyl-2-oxazoline]
97%

237655
(−)-2,3-*O*-Isopropylidene-2,3-dihydroxy-1,4-bis(diphenylphosphino)butane
98%

298344
(−)-3-(Trifluoroacetyl)camphor
98%

89231
(−)-α-Thujone
≥96.0% (GC)

317047
(−)-*B*-Methoxydiisopinocampheylborane

433810
(−)-Bis[(*S*)-1-phenylethyl]amine
99%

B55203
(−)-Bornyl acetate
95%

69819
(−)-Butyl L-lactate
≥97.0% (sum of enantiomers, GC)

21365
(−)-Camphor-10-sulfonic acid
purum, ≥98.0% (T)

180807
(−)-*cis*-Myrtanylamine
98%

95352
(−)-Dibenzyl D-tartrate
≥98.0% (sum of enantiomers, HPLC)

213969
(−)-Diethyl D-tartrate
≥99%

227803
(−)-Diisopropyl D-tartrate
98%

420395
(−)-Diisopropyl-*O,O′*-bis(trimethylsilyl)-D-tartrate
99%, ChiraSelect™

317020
(−)-DIP-Chloride™

856193
(−)-Erythromycin hydrate
96%

69799
(−)-Ethyl L-lactate
purum, ≥98.0% (sum of enantiomers, GC)

E34102
(−)-Ethyl L-lactate
98%

62139
(−)-Linalool
≥95.0% (sum of enantiomers, GC)

141879
(−)-Lobeline hydrochloride
98%

218235
(−)-Menthone
90%

56655
(−)-Methyl (*R*)-3-hydroxyvalerate
≥98.0% (sum of enantiomers, GC)

254606
(−)-Methyl (*S*)-2,2-dimethyl-1,3-dioxolane-4-carboxylate
96%

230340
(−)-Methyl L-lactate
98%, optical purity ee: 97% (GLC)

487244
(−)-*N*-(1(*R*)-Phenylethyl)-1-azabicyclo[2.2.2]octan-3(*S*)-amine dihydrochloride
98%

371416
(−)-*O,O′*-Di-*p*-toluoyl-L-tartaric acid
97%

33624
(−)-*O,O′*-Dibenzoyl-L-tartaric acid mono(dimethylamide)
≥99.0%

33622
(−)-*O,O′*-Dibenzoyl-L-tartaric acid monohydrate
≥99.0% (T)

190047
(−)-*p*-Bromolevamisole oxalate
99%

82547
(−)-Pseudoephedrine
purum, ≥96.0% (sum of enantiomers, GC)

8.02304
(-)-Quinine
for resolution of racemates for synthesis

8.22194
(-)-Quinine hydrochloride dihydrate
for synthesis

900264
(−)-Sparteine

904805
((*S*)-3-(3,5-Bis(trifluoromethyl)phenyl)-1-(2′-(3-(3,5-bis(trifluoromethyl)phenyl)ureido)-[1,1′-binaphthalen]-2-yl)-1-isopropylurea
≥95%

35603
(+)-(8,8-Dichlorocamphorylsulfonyl)oxaziridine
≥97.0% (T)

668478
(+)-1,2-Bis[(2*R*,5*R*)-2,5-diethylphospholano]ethane
kanata purity

668486
(+)-1,2-Bis[(2*S*,5*S*)-2,5-diethylphospholano]benzene
Namena purity

665266
(+)-1,2-Bis[(2*S*,5*S*)-2,5-dimethylphospholano]benzene
kanata purity

667854
(+)-1,2-Bis((2*S*,5*S*)-2,5-diphenylphospholano)ethane
kanata purity

406961
(+)-2,2′-Isopropylidenebis[(4*R*)-4-phenyl-2-oxazoline]
97%

163449
(+)-2,3-Dibenzoyl-D-tartaric acid
≥98%, made from synthetic tartaric acid

33610
(+)-2,3-Dibenzoyl-D-tartaric acid
≥99.0% (T)

189006
(+)-3-(Trifluoroacetyl)camphor
98%

16571
(+)-3-Bromocamphor
purum, ≥97.0% (sum of enantiomers, GC)

188174
(+)-4-Cholesten-3-one
98%

A70909
(+)-6-Aminopenicillanic acid
96%

317039
(+)-*B*-Methoxydiisopinocampheylborane

861650
(+)-Biotin 4-nitrophenyl ester
98%

452823
(+)-Bis[(*R*)-1-phenylethyl]amine
99%

21360
(+)-Camphor-10-sulfonic acid
purum, ≥98.0% (T)

22110
(+)-Catechin hydrate
≥96.0% (sum of enantiomers, HPLC)

857270
(+)-Cinchonine
85%

8.02506
(+)-Cinchonine
for resolution of racemates for synthesis

105198
(+)-Dehydroabietylamine
technical grade, 60%

156841
(+)-Diethyl L-tartrate
≥99%

37275
(+)-Dihydrocarvone
mixture of isomers

218286
(+)-Dihydrocarvone, mixture of isomers
98%

384313
(+)-Dimethyl 2,3-*O*-isopropylidene-D-tartrate
98%

163457
(+)-Dimethyl L-tartrate
99%

317012
(+)-DIP-Chloride™
90-105% (approx.)

46210
(+)-Fenchone
purum, ≥98.0% (sum of enantiomers, GC)

277762
(+)-Methyl D-lactate
98%, optical purity ee: 96% (GLC)

156868
(+)-*N*,*N′*-Diallyltartramide
≥99%

74437
(+)-Nootkatone
≥99.0% (GC)

302813
(+)-*O*,*O′*-Di-*p*-toluoyl-D-tartaric acid
made from synthetic tartaric acid, 97%

43456
(+)-*O*,*O′*-Di-pivaloyl-D-tartaric acid
≥98.0%

358924
(+)-*O*,*O′*-Diacetyl-L-tartaric anhydride
97%

58790
(+)-Potassium D_S-*threo*-isocitrate monobasic
≥98.0% (NT)

900263
(+)-Sparteine

69806
(+)-*tert*-Butyl D-lactate
≥99.0% (sum of enantiomers, GC)

329967
(+)-Usnic acid
98%

682977
(11b*R*,11′b*R*)-4,4′-(9,9-Dimethyl-9*H*-xanthene-4,5-diyl)bis-dinaphtho[2,1-*d*:1′, 2′-f][1,3,2]dioxaphosphepin

687596
(11b*R*)-(–)-4,4-Dibutyl-4,5-dihydro-2,6-bis(3,4,5-trifluorophenyl)-3*H*-dinaphth[2,1-*c*:1′,2′-*e*]azepinium bromide
Nagase purity

683248
(11b*R*)-2,6-Bis(diphenylphosphino)-*N*,*N*-dimethyldinaphtho[2,1-*d*:1′,2′-*f*]-1,3,2-dioxaphosphepin-4-amine

700665
(11b*R*)-2,6-Di-9-phenanthrenyl-4-hydroxy-dinaphtho[2,1-*d*:1′,2′-*f*][1,3,2]dioxaphosphepin-4-oxide

677086
(11b*S*)-(+)-4,4-Dibutyl-4,5-dihydro-2,6-bis(3,4,5-trifluorophenyl)-3*H*-dinaphth[2,1-*c*:1′,2′-*e*]azepinium bromide

710660
(11b*S*)-4,5-Dihydro-3*H*-dinaphtho[2,1-*c*:1′,2′-*e*]phosphepine
97%

685569
(11b*S*)-*N*,*N*-dimethyl-8,9,10,11,12,13,14,15-octahydrodinaphtho[2,1-*d*:1′,2′-*f*][1,3,2]dioxaphosphepin-4-amine

778885
(11*R*,12*R*)-9,10-Dihydro-9,10-ethanoanthracene-11,12-diamine
≥95.0% (HPLC)

657697
(1*R*,1′*R*,2*S*,2′*S*)-DuanPhos

391654
(1*R*,2*R*,3*R*,5*S*)-(−)-Isopinocampheylamine
95%

400416
(1*R*,2*R*,5*R*)-(+)-2-Hydroxy-3-pinanone
99%

346721
(1*R*,2*R*)-(−)-1,2-Diaminocyclohexane
98%

A70704
(1*R*,2*R*)-(−)-2-Amino-1-(4-nitrophenyl)-1,3-propanediol
99%

484334
(1*R*,2*R*)-(−)-*N*-*p*-Tosyl-1,2-diphenylethylenediamine
98%

663336
(1*R*,2*R*)-(−)-*trans*-1-Amino-2-indanol
97%

416932
(1*R*,2*R*)-(+)-1,2-Diaminocyclohexane L-tartrate
99%

364010
(1*R*,2*R*)-(+)-1,2-Diphenylethylenediamine
97%

707511
(1*R*,2*R*)-(+)-*N*,*N*′-Dimethyl-1,2-bis[3-(trifluoromethyl)phenyl]ethanediamine
97%

DPM00001
(1*R*,2*R*)-1,2-Bis(4-nitrophenyl)ethylenediamine dihydrochloride

715522
(1*R*,2*R*)-*N*,*N*′-Dimethyl-1,2-diphenylethane-1,2-diamine
97%

671878
(1*R*,2*R*)-*trans*-2-Aminocyclopentanol hydrochloride
97%

331899
(1*R*,2*S*)-(−)-2-Amino-1,2-diphenylethanol
99%

134910
(1*R*,2*S*)-(−)-Ephedrine
98%

235210
(1*R*,2*S*)-(−)-*N*-Methylephedrine
99%

440841
(1*R*,2*S*)-(+)-*cis*-1-Amino-2-indanol
99%

06756
(1*R*,2*S*)-*cis*-2-Aminocyclopentanol hydrochloride
≥98.0% (TLC)

695491
(1*R*,3*S*,4*S*)-*N*-Boc-2-azabicyclo[2.2.1]heptane-3-carboxylic acid
97%

C409
(1*R*,3*S*)-(+)-Camphoric acid
99%

00848
(1*R*,4*S*)-*cis*-4-Acetoxy-2-cyclopenten-1-ol
≥98.0% (sum of enantiomers, GC)

75653
(1*R*,5*S*)-3-Oxabicyclo[3.3.0]oct-6-en-2-one
≥95.0% (GC)

349003
(1*R*)-(−)-(10-Camphorsulfonyl)oxaziridine

282146
(1*R*)-(−)-10-Camphorsulfonic acid
98%

188360
(1*R*)-(−)-10-Camphorsulfonic acid ammonium salt
98%

441279
(1*R*)-(−)-2-Azabicyclo[2.2.1]hept-5-en-3-one
≥98%

276286
(1*R*)-(−)-Camphorquinone
99%

196436
(1*R*)-(−)-Fenchone
≥98%

441058
(1*R*)-(−)-Menthyl acetate
98%

471860
(1*R*)-(+)-(1-Amino-2-methylpropyl)phosphonic acid
98%

857300
(1*R*)-(+)-Camphor
98%

327956
(1*R*)-(+)-Nopinone
98%

684031
(1*S*, 2*S*)-1,2-Bis(4-nitrophenyl)ethylenediamine dihydrochloride
97%

684147
(1*S*, 2*S*)-1,2-di-1-Naphthyl-ethylenediamine dihydrochloride
97%

440833
(1*S*,2*R*)-(−)-*cis*-1-Amino-2-indanol
99%

331880
(1*S*,2*R*)-(+)-2-Amino-1,2-diphenylethanol
99%

287776
(1*S*,2*R*)-(+)-*N*-Methylephedrine
99%

317500
(1*S*,2*R*)-(+)-Norephedrine
98%

685569
(11b*S*)-*N*,*N*-dimethyl-8,9,10,11,12,13,14,15-octahydrodinaphtho[2,1-*d*:1′,2′-*f*][1,3,2]dioxaphosphepin-4-amine

778885
(11*R*,12*R*)-9,10-Dihydro-9,10-ethanoanthracene-11,12-diamine
≥95.0% (HPLC)

657697
(1*R*,1′*R*,2*S*,2′*S*)-DuanPhos

391654
(1*R*,2*R*,3*R*,5*S*)-(−)-Isopinocampheylamine
95%

400416
(1*R*,2*R*,5*R*)-(+)-2-Hydroxy-3-pinanone
99%

346721
(1*R*,2*R*)-(−)-1,2-Diaminocyclohexane
98%

A70704
(1*R*,2*R*)-(−)-2-Amino-1-(4-nitrophenyl)-1,3-propanediol
99%

484334
(1*R*,2*R*)-(−)-*N*-*p*-Tosyl-1,2-diphenylethylenediamine
98%

663336
(1*R*,2*R*)-(−)-*trans*-1-Amino-2-indanol
97%

416932
(1*R*,2*R*)-(+)-1,2-Diaminocyclohexane L-tartrate
99%

364010
(1*R*,2*R*)-(+)-1,2-Diphenylethylenediamine
97%

707511
(1*R*,2*R*)-(+)-*N*,*N*′-Dimethyl-1,2-bis[3-(trifluoromethyl)phenyl]ethanediamine
97%

DPM00001
(1*R*,2*R*)-1,2-Bis(4-nitrophenyl)ethylenediamine dihydrochloride

715522
(1*R*,2*R*)-*N*,*N*′-Dimethyl-1,2-diphenylethane-1,2-diamine
97%

671878
(1*R*,2*R*)-*trans*-2-Aminocyclopentanol hydrochloride
97%

331899
(1*R*,2*S*)-(−)-2-Amino-1,2-diphenylethanol
99%

134910
(1*R*,2*S*)-(−)-Ephedrine
98%

235210
(1*R*,2*S*)-(−)-*N*-Methylephedrine
99%

440841
(1*R*,2*S*)-(+)-*cis*-1-Amino-2-indanol
99%

06756
(1*R*,2*S*)-*cis*-2-Aminocyclopentanol hydrochloride
≥98.0% (TLC)

695491
(1*R*,3*S*,4*S*)-*N*-Boc-2-azabicyclo[2.2.1]heptane-3-carboxylic acid
97%

C409
(1*R*,3*S*)-(+)-Camphoric acid
99%

00848
(1*R*,4*S*)-*cis*-4-Acetoxy-2-cyclopenten-1-ol
≥98.0% (sum of enantiomers, GC)

75653
(1*R*,5*S*)-3-Oxabicyclo[3.3.0]oct-6-en-2-one
≥95.0% (GC)

349003
(1*R*)-(−)-(10-Camphorsulfonyl)oxaziridine

282146
(1*R*)-(−)-10-Camphorsulfonic acid
98%

188360
(1*R*)-(−)-10-Camphorsulfonic acid ammonium salt
98%

441279
(1*R*)-(−)-2-Azabicyclo[2.2.1]hept-5-en-3-one
≥98%

276286
(1*R*)-(−)-Camphorquinone
99%

196436
(1*R*)-(−)-Fenchone
≥98%

441058
(1*R*)-(−)-Menthyl acetate
98%

471860
(1*R*)-(+)-(1-Amino-2-methylpropyl)phosphonic acid
98%

857300
(1*R*)-(+)-Camphor
98%

327956
(1*R*)-(+)-Nopinone
98%

684031
(1*S*, 2*S*)-1,2-Bis(4-nitrophenyl)ethylenediamine dihydrochloride
97%

684147
(1*S*, 2*S*)-1,2-di-1-Naphthyl-ethylenediamine dihydrochloride
97%

440833
(1*S*,2*R*)-(−)-*cis*-1-Amino-2-indanol
99%

331880
(1*S*,2*R*)-(+)-2-Amino-1,2-diphenylethanol
99%

287776
(1*S*,2*R*)-(+)-*N*-Methylephedrine
99%

317500
(1*S*,2*R*)-(+)-Norephedrine
98%

391662
(1*S*,2*S*,3*S*,5*R*)-(+)-Isopinocampheylamine
95%

416940
(1*S*,2*S*)-(−)-1,2-Diaminocyclohexane D-tartrate
99%

364002
(1*S*,2*S*)-(−)-1,2-Diphenylethylenediamine
97%

707538
(1*S*,2*S*)-(−)-*N*,*N′*-Dimethyl-1,2-bis[3-(trifluoromethyl)phenyl]ethylenediamine
97%

346713
(1*S*,2*S*)-(+)-1,2-Diaminocyclohexane
98%

471674
(1*S*,2*S*)-(+)-2-Amino-1-(4-nitrophenyl)-1,3-propanediol
99%

484342
(1*S*,2*S*)-(+)-*N*-*p*-Tosyl-1,2-diphenylethylenediamine
98%

663344
(1*S*,2*S*)-(+)-*trans*-1-Amino-2-indanol
97%

685879
(1*S*,2*S*)-1,2-Bis(2-hydroxyphenyl)ethylenediamine

95%

684104
(1*S*,2*S*)-1,2-Bis(2,4,6-trimethylphenyl)ethylenediamine dihydrochloride
95%

684120
(1*S*,2*S*)-1,2-Bis(4-methoxyphenyl)ethylenediamine dihydrochloride
96%

CDS003415
(1S,2S)-2-Aminocyclohexanol
Aldrich[CPR]

732192
(1*S*,2*S*)-*N*-*p*-Tosyl-1,2-dimesitylethylenediamine
96%

708844
(1*S*,2*S*)-*N*,*N*′-Bis(2-acetyl-3-oxo-2-butenylidene)-1,2-dimesitylethylenediaminato cobalt(II)

715964
(1*S*,2*S*)-*N*,*N*′-Dimethyl-1,2-diphenyl-1,2-ethylenediamine
97%

376345
(1*S*,3*R*)-(−)-Camphoric acid
99%

446041
(1*S*,4*R*)-*cis*-4-Acetoxy-2-cyclopenten-1-ol
≥99%

709492
(1*S*,4*S*,8*S*)-5-Benzyl-2-isobutyl-8-methoxy-1,8-dimethylbicyclo[2.2.2]octa-2,5-diene
97%

473049
(1*S*,4*S*)-(−)-2-Boc-2,5-diazabicyclo[2.2.1]heptane
95%

532673
(1*S*,6*S*,7*R*,8*R*,8a*R*)-1,6,7,8-Tetrahydroxyindolizidine
98%

298352
(1*S*)-(−)-2,10-Camphorsultam
98%

8.18405
(1S)-(-)-α-Pinene
for synthesis

226173
(1*S*)-(−)-Camphanic chloride
98%

C352
(1*S*)-(−)-Camphor
95%

318361
(1*S*)-(−)-Camphorsulfonylimine
99%

218251
(1*S*)-(−)-Verbenone
94%

345350
(1*S*)-(+)-(10-Camphorsulfonyl)oxaziridine

C2107
(1*S*)-(+)-10-Camphorsulfonic acid
99%

219576
(1*S*)-(+)-10-Camphorsulfonyl chloride
97%

441287
(1*S*)-(+)-2-Azabicyclo[2.2.1]hept-5-en-3-one
≥98%

374121
(1*S*)-(+)-3-Bromocamphor-10-sulfonic acid hydrate
98%

272078
(1*S*)-(+)-Camphorquinone
99%

420964
(1*S*)-(+)-Ketopinic acid
99%

237639
(2*R*,3*R*)-(−)-2,3-Butanediol
97%

725102
(2R,3R)-(+)-2,3-Bis(diphenylphosphino)butane

901233
(2*R*)-2-Phenyl-3,4-dihydro-2*H*-pyrimido[2,1-b][1,3]benzothiazole
≥95%

421650
(2*S*-*cis*)-(−)-5-Benzyl-3,6-dioxo-2-piperazineacetic acid
97%

259098
(2*S*,3*S*)-(−)-Bis(diphenylphosphino)butane

300349
(2*S*,3*S*)-(+)-2,3-Butanediol
97%

663107
(2*S*,5*S*)-(−)-2-*tert*-Butyl-3-methyl-5-benzyl-4-imidazolidinone
97%

668540
(2*S*,5*S*)-(–)-5-Benzyl-3-methyl-2-(5-methyl-2-furyl)-4-imidazolidinone
95%

900542
(2*S*)-2-Phenyl-3,4-dihydro-2*H*-pyrimido[2,1-b][1,3]benzothiazole
95%

341576
(3a*R*,4*S*,5*R*,6a*S*)-(−)-Hexahydro-5-hydroxy-4-(hydroxymethyl)-2*H*-cyclopenta[*b*]furan-2-one
98%

665460
(3a*R*,8a*R*)-(−)-(2,2-Dimethyl-4,4,8,8-tetraphenyl-tetrahydro-[1,3]dioxolo[4,5-e][1,3,2]dioxaphosphepin-6-yl)dimethylamine
96%

720550
(3a*R*,8a*R*)-4,4,8,8-tetrakis(3,5-di-*tert*-butylphenyl)-2,2-diethyl-6-phenyltetrahydro-[1,3]dioxolo[4,5-*e*][1,3,2]dioxaphosphepine
≥94%

358002
(3a*R*)-(+)-Sclareolide
97%

453218
(3a*S*,4*R*,5*S*,6a*R*)-(+)-Hexahydro-5-hydroxy-4-(hydroxymethyl)-2*H*-cyclopenta[*b*]furan-2-one
98%

CDS010483
(3R,3aS,6R,6aS,9S,10aS,10bR)-Octahydro-3,6,9-trimethyl-10aH-9,10b-epoxypyrano[4,3,2-jk][2]benzoxepin-2(3H)-one
Aldrich[CPR]

591882
(3*R*)-(−)-3-(1-Methyl-1*H*-indol-3-yl)butyraldehyde
98%

731463
(3*S*,4*E*)-Methyl 3-(dimethylphenylsilyl)-4-hexenoate

367044
(3*S*)-*cis*-3,6-Dimethyl-1,4-dioxane-2,5-dione
98%

795682
(4*R*,4′*R*,5*S*,5′*S*)-2,2′-(1-Methylethylidene
95%

59490
(4*R*,5*R*)-2,2-Dimethyl-*α,α,α′,α′*-tetra(2-naphthyl)dioxolane-4,5-dimethanol
≥99.0% (sum of enantiomers, HPLC)

265004
(4*R*,5*R*)-2,2-Dimethyl-*α,α,α′,α′*-tetraphenyldioxolane-4,5-dimethanol
97%

298891
(4*R*,5*S*)-(+)-4-Methyl-5-phenyl-2-oxazolidinone
99%

448427
(4*R*)-2-Hydroxy-5,5-dimethyl-4-phenyl-1,3,2-dioxaphosphorinan 2-oxide
98%

331074

(4*R*)-4-(2-Hydroxyethyl)-2,2-dimethyl-1,3-dioxolane
96%

650897
(4*S*,4′*S*)-(−)-2,2′-(3-Pentylidene)bis(4-isopropyloxazoline)
97%

340529
(4*S*,5*R*)-(−)-4-Methyl-5-phenyl-2-oxazolidinone
99%

59539
(4*S*,5*S*)-2,2-Dimethyl-1,3-dioxolane-4,5-dimethanol
≥97.0% (sum of enantiomers, GC)

682772
(4*S*)-(+)-4-[4-(*tert*-butyl)phenyl]-α-[(4*S*)-4-[4-(*tert*-butyl)phenyl]-2-oxazolidinylidene]-2-oxazolineacetonitrile
97%

571326
(4*S*)-(+)-4-(2-Hydroxyethyl)-2,2-dimethyl-1,3-dioxolane
96%

417068
(4*S*)-(+)-Phenyl-α-[(4*S*)-phenyloxazolidin-2-ylidene]-2-oxazoline-2-acetonitrile
97%

719641
(4*S*)-2-[2-(diphenylphosphino)phenyl]-4,5-dihydro-5,5-dimethyl-4-(1-methylethyl)-oxazole
97%

683973
(5a*R*,10b*S*)-5a,10b-Dihydro-2-(2,4,6-trimethylphenyl)-4*H*,6*H*-indeno[2,1-*b*]-1,2,4-triazolo[4,3-*d*]-1,4-oxazinium chloride monohydrate
93%

708542
(5*R*,6*S*)-2-Mesityl-5,6-diphenyl-6,8-dihydro-5*H*-[1,2,4]triazolo[3,4-*c*][1,4]oxazin-2-ium tetrafluoroborate
97%

663069
(5*R*)-(+)-2,2,3-Trimethyl-5-benzyl-4-imidazolidinone monohydrochloride
97%

663085
(5*S*)-(−)-2,2,3-Trimethyl-5-benzyl-4-imidazolidinone dichloroacetic acid
97%

713201
(8α,9*S*)-6′-Methoxycinchonan-9-amine trihydrochloride
90%

456705
$(DHQ)_2AQN$
95%

392723
$(DHQ)_2PHAL$
≥95%

418978
$(DHQ)_2Pyr$
97%

392731
$(DHQD)_2PHAL$
≥95%

418951
$(DHQD)_2Pyr$
97%

905240
(*R*,*R*,*R*)-SPIRAP
≥95%

676403
(*R*,*R*)-(–)-2,3-Bis(*tert*-butylmethylphosphino)quinoxaline
≥95%

404411
(*R,R*)-(−)-*N,N′*-Bis(3,5-di-*tert*-butylsalicylidene)-1,2-cyclohexanediamine
98%

474592
(*R,R*)-(−)-*N,N′*-Bis(3,5-di-*tert*-butylsalicylidene)-1,2-cyclohexanediaminocobalt(II)

404446
(*R,R*)-(−)-*N,N′*-Bis(3,5-di-*tert*-butylsalicylidene)-1,2-cyclohexanediaminomanganese(III) chloride

671274
(*R*,*R*)-(−)-*N*,*N′*-Dimethyl-1,2-cyclohexanediamine
≥97.0% (GC)

688622

(*R*,*R*)-2,2′-Bipyrrolidine L-tartrate trihydrate
99%

DPM00007
(*R*,*R*)-Bis-(2-chlorophenyl)ethylenediamine dihydrochloride

DPM00006
(*R*,*R*)-Bis-(2,4,6-trimethoxyphenyl)ethylenediamine dihydrochloride

DPM00008
(*R*,*R*)-Bis-(4-dimethylaminophenyl)ethylenediamine tetrahydrochloride

DPM00005
(*R*,*R*)-Bis-(4-fluorophenyl)ethylenediamine dihydrochloride

DPM00003
(*R*,*R*)-Bis-(4-methoxyphenyl)ethylenediamine dihydrochloride

692778
(*R*,*R*)-DACH-naphthyl Trost ligand
95%

692808
(*R*,*R*)-DACH-phenyl Trost ligand
95%

697761
(*R,R*)-DIPAMP
95%

531960
(*R*,*R*)-*N*,*N*′-Bis(3,5-di-*tert*-butylsalicylidene)-1,2-cyclohexanediaminoaluminum chloride

531944
(*R,R*)-*N,N*′-Bis(3,5-di-*tert*-butylsalicylidene)-1,2-cyclohexanediaminochromium(III) chloride

905542
(*R*,*R*)-SINpEt·HBF_4
≥95%

804568
(*R*,*S*)-Bode Kinetic Resolution Catalyst

220442
(*R*)-(−)-1-(1-Naphthyl)ethyl isocyanate

98%

238856
(*R*)-(−)-1-Amino-2-propanol
98%

445347
(*R*)-(−)-1-Aminoindane
97%

654655
(*R*)-(−)-1-Cbz-3-pyrrolidinol
95%

336505
(*R*)-(−)-1-Cyclohexylethylamine
98%

248932
(*R*)-(−)-1,1′-Binaphthyl-2,2′-diyl hydrogenphosphate
≥98%

540242
(*R*)-(−)-1,2-Propanediol
96%

237612
(*R*)-(−)-1,3-Butanediol
95%

661910
(*R*)-(−)-2-(*tert*-Butyl)-3-methyl-4-imidazolidinone trifluoroacetic acid
96%

680087
(*R*)-(−)-2-(Trifluoromethyl)pyrrolidine
97%

307084
(*R*)-(−)-2-Amino-1-butanol
98%

534579
(*R*)-(−)-2-Amino-1-pentanol
97%

297682
(*R*)-(−)-2-Amino-1-propanol

98%

284483
(*R*)-(−)-2-Amino-3-methyl-1-butanol
98%

18241
(*R*)-(−)-2-Amino-3-methylbutane
≥97.0% (GC)

679380
(*R*)-(–)-2-Aminobutanamide hydrochloride
96%

727067
(*R*)-(−)-2-Chloromandelic acid
ChiPros®, produced by BASF, 98%, ≥97.5% (HPLC)

397164
(*R*)-(−)-2-Methylpiperazine
97%

679097
(*R*)-(−)-2-Methylpyrrolidine

281697
(*R*)-(−)-2-Pyrrolidinemethanol
99%

241806
(*R*)-(−)-2,2-Dimethyl-1,3-dioxolane-4-methanol
98%

460028
(*R*)-(−)-2,2-Dimethyl-5-oxo-1,3-dioxolane-4-acetic acid
95%

07858
(*R*)-(−)-3-Amino-1-Boc-piperidine
≥98.0% (TLC)

637505
(*R*)-(−)-3-Fluoropyrrolidine hydrochloride
97%

298360

(*R*)-(−)-3-Hydroxybutyric acid sodium salt
optical purity ee: 99% (GLC)

309753
(*R*)-(−)-3-Hydroxytetrahydrofuran
98%

656356
(*R*)-(–)-3-Piperidinecarboxylic acid
97%

532908
(*R*)-(−)-3-Quinuclidinol hydrochloride
97%

674745
(*R*)-(–)-3,3′-Bis(triphenylsilyl)-1,1′-binaphthyl-2,2′-diyl hydrogenphosphate
95%

558036
(*R*)-(−)-4-Penten-2-ol
95%

402451
(*R*)-(−)-4-Phenyl-2-oxazolidinone
98%

682144
(*R*)-(–)-4,12-Bis(diphenylphosphino)-[2.2]-paracyclophane
96%

558060
(*R*)-(−)-5-Hexen-2-ol
97%

310476
(*R*)-(−)-5-Oxo-2-tetrahydrofurancarboxylic acid
98%

570842
(*R*)-(−)-6-Methoxy-α-methyl-2-naphthaleneacetic acid
98%

482617
(*R*)-(−)-6,6′-Dibromo-1,1′-bi-2-naphthol
98%

248967

(*R*)-(−)-α-Methoxyphenylacetic acid
99%

124931
(*R*)-(−)-Carvone
98%

338125
(*R*)-(−)-Glycidyl butyrate
96%

M2209
(*R*)-(−)-Mandelic acid
98%

154210
(*R*)-(−)-Mandelic acid
ReagentPlus®, ≥99%

532169
(*R*)-(−)-*N*-Boc-3-pyrrolidinol
98%

253030
(*R*)-(−)-*O*-Acetylmandelic acid
99%, optical purity ee: 98% (GLC)

479284
(*R*)-(−)-*O*-Formylmandeloyl chloride
97%

520497
(*R*)-(−)-*p*-Toluenesulfinamide
98%

296643
(*R*)-(−)-*sec*-Butylamine
99%

412937
(*R*)-(−)-Tetrahydrofurfurylamine
99%

675512
(*R*)-(−)-VAPOL hydrogenphosphate

29510
(*R*)-(+)-(6,6′-Dimethoxybiphenyl-2,2′-diyl)bis(diphenylphosphine)

≥97%, optical purity ee: ≥99%

237442
(*R*)-(+)-1-(1-Naphthyl)ethylamine
≥99%

554510
(*R*)-(+)-1-Benzyl-2,2-diphenylethylamine
98%

366935
(*R*)-(+)-1-Benzyl-3-pyrrolidinol
98%

644064
(*R*)-(+)-1-Boc-3-aminopyrrolidine
97%

399701
(*R*)-(+)-1-Octyn-3-ol
99%

382426
(*R*)-(+)-1,1′-Binaphthyl-2,2′-diamine
99%

8.14774
(R)-(+)-1,1′-Binaphthyl-2,2′-diol
for synthesis

549495
(*R*)-(+)-1,1-Diphenyl-2-aminopropane
97%

259128
(*R*)-(+)-1,2-Bis(diphenylphosphino)propane
98%

412554
(*R*)-(+)-1,2-Diaminopropane dihydrochloride
99%

482234
(*R*)-(+)-1,2-Dodecanediol
99%

713708

(*R*)-(+)-2′-Amino-1,1′-binaphthalen-2-ol
97%

72575
(*R*)-(+)-2-[2-(Diphenylphosphino)phenyl]-4-isopropyl-2-oxazoline
≥97.0% (CHN)

474533
(*R*)-(+)-2-(4-Hydroxyphenoxy)propionic acid
98%

552542
(*R*)-(+)-2-(Diphenylmethyl)pyrrolidine
97%

464376
(*R*)-(+)-2-Hydroxy-4-(2-methoxyphenyl)-5,5-dimethyl-1,3,2-dioxaphosphorinane 2-oxide
97%

497401
(*R*)-(+)-2-Methyl-2-propanesulfinamide
98%

649317
(*R*)-(+)-2-Methyl-CBS-oxazaborolidine

295817
(*R*)-(+)-2,2′-Bis(diphenylphosphino)-1,1′-binaphthalene
97%

779784
(*R*)-(+)-2,2′-Dimethoxy-1,1′-binaphthalene
99%

676004
(*R*)-(+)-2,2′,6,6′-Tetramethoxy-4,4′-bis(di(3,5-xylyl)phosphino)-3,3′-bipyridine
97%

675806
(*R*)-(+)-2,2′,6,6′-Tetramethoxy-4,4′-bis(diphenylphosphino)-3,3′-bipyridine
97%

454486
(*R*)-(+)-2,2-Dimethyl-1,3-dioxolane-4-carboxaldehyde

469475
(*R*)-(+)-3-(Benzyloxycarbonyl)-4-oxazolidinecarboxylic acid
98%

656712
(*R*)-(+)-3-(Dimethylamino)pyrrolidine
95%

540781
(*R*)-(+)-3-Aminopyrrolidine
98%

462063
(*R*)-(+)-3-Boc-2,2-dimethyloxazolidine-4-carboxaldehyde
95%

464821
(*R*)-(+)-3-Butyn-2-ol
98%

M38583
(*R*)-(+)-3-Methylcyclohexanone
98%

M39709
(*R*)-(+)-3-Methylcyclopentanone
99%

674591
(*R*)-(+)-3,3′-Bis(3,5-bis(trifluoromethyl)phenyl)-1,1′-bi-2-naphthol
95%

595721
(*R*)-(+)-3,3′-Dibromo-1,1′-bi-2-naphthol
97%

479160
(*R*)-(+)-4-Hydroxy-2-pyrrolidinone
97%

450669
(*R*)-(+)-4-Isopropyl-5,5-dimethyl-2-oxazolidinone
98%

726842
(*R*)-(+)-4-Methoxy-α-methylbenzylamine
ChiPros®, produced by BASF, 99%

96738

(*R*)-(+)-5,5′-Dichloro-2,2′-bis(diphenylphosphino)-6,6′-dimethoxy-1,1′-biphenyl
≥95.0% (H-NMR)

391913
(*R*)-(+)-6-Hydroxy-2,5,7,8-tetramethylchroman-2-carboxylic acid
98%

444286
(*R*)-(+)-α-Hydroxy-γ-butyrolactone
95%, optical purity ee: 98% (GLC)

155268
(*R*)-(+)-α-Methoxy-α-trifluoromethylphenylacetic acid
99%

220574
(*R*)-(+)-α-Methylbenzyl isocyanate
99%

726621
(*R*)-(+)-α-Methylbenzylamine
ChiPros®, produced by BASF, ≥99.0%

77880
(*R*)-(+)-α-Methylbenzylamine
purum, ≥98.0% (sum of enantiomers, GC)

115541
(*R*)-(+)-α-Methylbenzylamine
98%

726664
(*R*)-(+)-α,4-Dimethylbenzylamine
ChiPros®, produced by BASF, 99%

382337
(*R*)-(+)-*α,α*-Diphenyl-2-pyrrolidinemethanol
98%

677191
(*R*)-(+)-α,α-Diphenyl-2-pyrrolidinemethanol trimethylsilyl ether
96%

545872
(*R*)-(+)-Aminoglutethimide
97%

303461

(*R*)-(+)-β-Citronellol
95%

461385
(*R*)-(+)-β-Methylphenethylamine
99%

359939
(*R*)-(+)-Bornylamine
97%

343641
(*R*)-(+)-Citronellal
technical grade

343609
(*R*)-(+)-Methyl *p*-tolyl sulfoxide
99%

461490
(*R*)-(+)-*N*,*N*-Dimethyl-1-(1-naphthyl)ethylamine
96%

540013
(*R*)-(+)-Propylene carbonate
98%

P55708
(*R*)-(+)-Pulegone
85%, technical grade

479292
(*R*)-(+)-Tetrahydro-2-furoic acid
99%

754633
(*R*)-(4,4′,6,6′-Tetramethoxybiphenyl-2,2′-diyl) bis{bis[3,5-bis(trifluoromethyl)phenyl]phosphine}
97%

29524
(*R*)-(6,6′-Dimethoxybiphenyl-2,2′-diyl)bis[bis(3,5-di-*tert*-butylphenyl)phosphine]
≥97%, optical purity ee: ≥99%

29516
(*R*)-(6,6′-Dimethoxybiphenyl-2,2′-diyl)bis[bis(3,5-dimethylphenyl)phosphine]
≥97% (^{31}P-NMR), optical purity ee: ≥99%

65671

(*R*)-1-{(*R*$_P$)-2-[2-(Diphenylphosphino)phenyl]ferrocenyl}ethylbis[3,5-bis-(trifluoromethyl)phenyl]phosphine
≥97%

88755
(*R*)-1-[(*S*$_P$)-2-(Di-*tert*-butylphosphino)ferrocenyl]ethylbis(2-methylphenyl)phosphine
97%

88733
(*R*)-1-[(*S*$_P$)-2-(Dicyclohexylphosphino)ferrocenyl]ethyldi-*tert*-butylphosphine
≥97%

88721
(*R*)-1-[(*S*$_P$)-2-(Dicyclohexylphosphino)ferrocenyl]ethyldicyclohexylphosphine
≥97%

88723
(*R*)-1-[(*S*$_P$)-2-(Dicyclohexylphosphino)ferrocenylethyl]diphenylphosphine
≥97%

88719
(*R*)-1-[(*S*$_P$)-2-(Diphenylphosphino)ferrocenyl]ethyldi-*tert*-butylphosphine
≥97%

88725
(*R*)-1-[(*S*$_P$)-2-(Diphenylphosphino)ferrocenyl]ethyldi(3,5-xylyl)phosphine
≥97%

88717
(*R*)-1-[(*S*$_P$)-2-(Diphenylphosphino)ferrocenyl]ethyldicyclohexylphosphine
≥97%

687278
(*R*)-1-Boc-3-hydroxypiperidine
95%

674761
(*R*)-1-Boc-3-methylpiperazine
97%

761990
(*R*)-1-Methyl-2-pyrrolidinemethanol
97%

790737
(*R*)-1,1′-Binaphthyl-2,2′-disulfonimide
97%

543039
(*R*)-1,4-Dioxaspiro[4.5]decane-2-carboxaldehyde

670308
(*R*)-2-(Methoxydiphenylmethyl)pyrrolidine
95% (HPLC)

54917
(*R*)-2-Hydroxybutyric acid
≥97.0% (T)

37286
(*R*)-2,5-Dihydro-3,6-dimethoxy-2-isopropylpyrazine
≥97.0% (GC)

735868
(*R*)-3-(Boc-amino)piperidine
97%

54920
(*R*)-3-Hydroxybutyric acid
≥98.0% (T)

51989
(*R*)-3-Methyl-2-ketopiperazine
≥99.0% (GC)

430722
(*R*)-3-Pyrrolidinol hydrochloride
98%

674605
(*R*)-3,3′-Bis[3,5-bis(trifluoromethyl)phenyl]-1,1′-binaphthyl-2,2′-diyl hydrogenphosphate
95%

689890
***(R)*-3,3′-Bis(2,4,6-triisopropylphenyl)-1,1′-binaphthyl-2,2′-diyl hydrogenphosphate**
≥97.0% (qNMR)

695718
(*R*)-3,3′-Bis(9-anthracenyl)-1,1′-binaphthyl-2,2′-diyl hydrogenphosphate
95%

674737
(*R*)-3,3′-Bis(triphenylsilyl)-1,1′-bi-2-naphthol

96%

300977
(*R*)-4-Benzyl-2-oxazolidinone
99%

42787
(*R*)-4-Benzylthiazolidine-2-thione
≥97.0%

376361
(*R*)-α-Acryloyloxy-β,β-dimethyl-γ-butyrolactone
95%

677213
(*R*)-α,α-Bis[3,5-bis(trifluoromethyl)phenyl]-2-pyrrolidinemethanol trimethylsilyl ether
technical grade

693065
(*R*)-BINAP

T511579
(*R*)-C8-TCYP
Aldrich[CPR]

692379
(*R*)-DM-BINAP

692476
(*R*)-DM-SEGPHOS®

692484
(*R*)-DTBM-SEGPHOS®

699918
(*R*)-*N*-[(1*R*,2*R*)-2-(3-(3,5-Bis(trifluoromethyl)phenyl)ureido)cyclohexyl]-*tert*-butyl-sulfinamide
96%

682322
(*R*)-*N*-Methyl-*N*-diphenylphosphino-1-[(*S*)-2-diphenylphosphino)ferrocenyl]ethylamine
≥96%

700754
(*R*)-SDP

692395
(*R*)-SEGPHOS®
≥94%

712280
(*R*)-Tetrahydro-3-furoic acid
≥97.0%

693049
(*R*)-Tol-BINAP

798711
(*R*)-Xyl-SDP(O)

73475
(R_P)-1-[(*R*)-α-(Dimethylamino)-2-(diphenylphosphino)benzyl]-2-diphenylphosphinoferrocene
optical purity ee: ≥99%

07541
(R_P)-1-Dicyclohexylphosphino-2-[(*R*)-α-(dimethylamino)-2-(dicyclohexylphosphino)benzyl]ferrocene
≥97%

687561
(R_p)-2-(*tert*-Butylthio)-1-(diphenylphosphino)ferrocene
98%

665363
(*S*,*R*,*R*)-(+)-(3,5-Dioxa-4-phosphacyclohepta[2,1-a:3,4-a′]dinaphthalen-4-yl)bis(1-phenylethyl)amine
95% (HPLC)

665347
(*S*,*R*)-(+)-(3,5-Dioxa-4-phosphacyclohepta[2,1-a:3,4-a′]dinaphthalen-4-yl)-(1-phenylethyl)amine
96%

363960
(*S*,*R*)-Noscapine
97%

665290
(*S*,*S*,*S*)-(+)-(3,5-Dioxa-4-phosphacyclohepta[2,1-a:3,4-a′]dinaphthalen-4-yl)bis(1-phenylethyl)amine
97%

671223
(*S*,*S*)-(−)-2-Amino-1,2-diphenylethanol
≥99.5% (HPLC)

668370
(*S*,*S*)-(+)-2,6-Bis[2-(hydroxydiphenylmethyl)-1-pyrrolidinyl-methyl]-4-methylphenol
95%

404438
(*S*,*S*)-(+)-*N*,*N*′-Bis(3,5-di-*tert*-butylsalicylidene)-1,2-cyclohexanediamine
98%

474606
(*S*,*S*)-(+)-*N*,*N*′-Bis(3,5-di-*tert*-butylsalicylidene)-1,2-cyclohexanediaminocobalt(II)

404454
(*S*,*S*)-(+)-*N*,*N*′-Bis(3,5-di-*tert*-butylsalicylidene)-1,2-cyclohexanediaminomanganese(III) chloride

688746
(*S*,*S*)-2,2′-Bipyrrolidine D-tartrate trihydrate
99%

694215
(*S*,*S*)-2,3-Bis(*tert*-butylmethylphosphino)quinoxaline

692786
(*S*,*S*)-DACH-naphthyl Trost Ligand
95%

692794
(*S*,*S*)-DACH-phenyl Trost ligand
95%

697753
(*S*,*S*)-DIPAMP
95%

531979
(*S*,*S*)-*N*,*N*′-Bis(3,5-di-*tert*-butylsalicylidene)-1,2-cyclohexanediaminoaluminum chloride

717398
(*S*)[(S_p)-2-(Diphenylphosphino)ferrocenyl]-4-isopropyloxazoline
97%

329177
(*S*)-(−)-(3-Chloro-2-hydroxypropyl)trimethylammonium chloride

99%

237450
(*S*)-(−)-1-(1-Naphthyl)ethylamine
≥99%

70942
(*S*)-(−)-1-(2-Naphthyl)ethylamine
≥99.0% (sum of enantiomers, GC)

366943
(*S*)-(−)-1-Benzyl-3-pyrrolidinol
99%

634794
(*S*)-(−)-1-Boc-3-aminopyrrolidine
95%

393967
(*S*)-(−)-1-Octyn-3-ol
99%

392308
(*S*)-(−)-1-Z-2-Oxo-5-imidazolidinecarboxylic acid
98%

382434
(*S*)-(−)-1,1′-Binaphthyl-2,2′-diamine
99%

549487
(*S*)-(−)-1,1-Diphenyl-2-aminopropane
97%

412562
(*S*)-(−)-1,2-Diaminopropane dihydrochloride
99%

309656
(*S*)-(−)-1,2-Propanediol di-*p*-tosylate
99%

296678
(*S*)-(−)-1,2,4-Butanetriol
98%

713694

(*S*)-(−)-2′-Amino-1,1′-binaphthalen-2-ol
97%

536652
(*S*)-(−)-2-(Boc-amino)-1,4-butanediol
97%

305251
(*S*)-(−)-2-(Trifluoroacetamido)succinic anhydride
97%

447056
(*S*)-(−)-2-Acetoxypropionyl chloride
97%

190438
(*S*)-(−)-2-Amino-3-phenyl-1-propanol
98%, optical purity ee: 99% (HPLC)

647446
(*S*)-(−)-2-Aminomethyl-1-ethylpyrrolidine
96%

464384
(*S*)-(−)-2-Hydroxy-4-(2-methoxyphenyl)-5,5-dimethyl-1,3,2-dioxaphosphorinane 2-oxide
97%

219827
(*S*)-(−)-2-Hydroxyisocaproic acid
98%

513210
(*S*)-(−)-2-Methyl-2-propanesulfinamide
97%

649309
(*S*)-(−)-2-Methyl-CBS-oxazaborolidine
≥95%

295825
(*S*)-(−)-2,2′-Bis(diphenylphosphino)-1,1′-binaphthalene
97%

675792
(*S*)-(−)-2,2′,6,6′-Tetramethoxy-4,4′-bis(diphenylphosphino)-3,3′-bipyridine
97%

681539

(*S*)-(−)-3-3′-Bis(3,5-bis(trifluoromethyl)phenyl)-1,1′-bi-2-naphthol
95%

540803
(*S*)-(−)-3-Aminopyrrolidine
98%

415723
(*S*)-(−)-3-Aminoquinuclidine dihydrochloride
98%

432741
(*S*)-(−)-3-Boc-2,2-dimethyloxazolidine-4-carboxaldehyde
95%

464007
(*S*)-(−)-3-Butyn-2-ol
97%

472980
(*S*)-(−)-3-*tert*-Butylamino-1,2-propanediol
97%

456144
(*S*)-(−)-4-(Chloromethyl)-2,2-dimethyl-1,3-dioxolane
98%

467359
(*S*)-(−)-4-Amino-2-hydroxybutyric acid
96%

450693
(*S*)-(−)-4-Benzyl-5,5-dimethyl-2-oxazolidinone
98%

479179
(*S*)-(−)-4-Hydroxy-2-pyrrolidinone
97%

298883
(*S*)-(−)-4-Isopropyl-2-oxazolidinone
99%

450677
(*S*)-(−)-4-Isopropyl-5,5-dimethyl-2-oxazolidinone
98%

726656
(*S*)-(−)-4-Methoxy-α-methylbenzylamine
ChiPros®, produced by BASF, 99%

95889
(*S*)-(−)-4-Methoxy-α-methylbenzylamine
≥98.0% (sum of enantiomers, GC)

684341
(*S*)-(–)-5-(2-Pyrrolidinyl)-1*H*-tetrazole
96%

346861
(*S*)-(−)-5-Hydroxymethyl-2(5*H*)-furanone
98%

76854
(*S*)-(−)-5,5′-Dichloro-2,2′-bis(diphenylphosphino)-6,6′-dimethoxy-1,1′-biphenyl
≥97.0% (H-NMR)

391921
(*S*)-(−)-6-Hydroxy-2,5,7,8-tetramethylchroman-2-carboxylic acid
98%

543527
(*S*)-(−)-6,7-Dimethoxy-1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid hydrochloride
97%

570877
(*S*)-(−)-9,10-Difluoro-2,3-dihydro-3-methyl-7-oxo-7*H*-pyrido[1,2,3-*de*]-1,4-benzoxazine-6-carboxylic acid
97%

471429
(*S*)-(−)-α-Amino-γ-butyrolactone hydrobromide
99%

318035
(*S*)-(−)-α-Methoxy-α-(trifluoromethyl)phenylacetic acid
≥99%

220566
(*S*)-(−)-α-Methylbenzyl isocyanate
98%

531324
(*S*)-(−)-α-Methylbenzyl isocyanide
96%

115568
(*S*)-(−)-α-Methylbenzylamine
98%

699837
(*S*)-(−)-α,α-Di-(2-naphthyl)-2-pyrrolidine methanol
97%

368199
(*S*)-(−)-*α,α*-Diphenyl-2-pyrrolidinemethanol
99%

728543
(*S*)-(−)-α,α-Diphenyl-2-pyrrolidinemethanol *tert*-butyldimethylsilyl ether
≥97% (HPLC)

677183
(*S*)-(−)-α,α-Diphenyl-2-pyrrolidinemethanol trimethylsilyl ether
95%

545864
(*S*)-(−)-Aminoglutethimide
97%

303488
(*S*)-(−)-β-Citronellol
≥97%

373753
(*S*)-(−)-Citronellal
96%

346802
(*S*)-(−)-Indoline-2-carboxylic acid
99%

339997
(*S*)-(−)-Methyl *p*-tolyl sulfoxide
99%

470600
(*S*)-(−)-*N*-[1-(Hydroxymethyl)-2-phenylethyl]-4-methylbenzenesulfonamide
97%

461563
(*S*)-(−)-*N*-(1-Phenylethyl)maleimide
97%

461431
(*S*)-(−)-*N*-(1-Phenylethyl)succinamic acid
98%

427470
(*S*)-(−)-*N*-Benzyl-α-methylbenzylamine
99%

461504
(*S*)-(−)-*N*,*N*-Dimethyl-1-(1-naphthyl)ethylamine
97%

40241
(*S*)-(−)-*N*,*N*-Dimethyl-1-ferrocenylethylamine
≥98.0% (T)

242063
(*S*)-(−)-*N*,*N*-Dimethyl-1-phenylethylamine
97%

540005
(*S*)-(−)-Propylene carbonate
98%

527890
(*S*)-(−)-Tetrahydro-2-furoic acid
98%

668192
(*S*)-(+)-(3,5-Dioxa-4-phosphacyclohepta[2,1-a;3,4- a′]dinaphthalen-4-yl)dimethylamine
97%

324450
(*S*)-(+)-1-(2-Pyrrolidinylmethyl)pyrrolidine
96%

238864
(*S*)-(+)-1-Amino-2-propanol
97%

367559
(*S*)-(+)-1-Aminoethylphosphonic acid
99%

445355
(*S*)-(+)-1-Aminoindan
97%

250023
(*S*)-(+)-1-Bromo-2-methylbutane
99%

336513
(*S*)-(+)-1-Cyclohexylethylamine
98%

726796
(*S*)-(+)-1-Cyclohexylethylamine
ChiPros®, produced by BASF, 99%

248940
(*S*)-(+)-1,1′-Binaphthyl-2,2′-diyl hydrogenphosphate
97%

237744
(*S*)-(+)-1,2-Isopropylideneglycerol
98%, optical purity ee: 99% (GLC)

540250
(*S*)-(+)-1,2-Propanediol
96%

668796
(*S*)-(+)-1,2,3,4-Tetrahydro-1-naphthylamine
97%

422886
(*S*)-(+)-2-(Aminomethyl)pyrrolidine
97%

421731
(*S*)-(+)-2-(Dibenzylamino)-3-phenyl-1-propanol
99%

661902
(*S*)-(+)-2-(*tert*-Butyl)-3-methyl-4-imidazolidinone trifluoroacetic acid
96%

665614
(*S*)-(+)-2-(Trifluoromethyl)pyrrolidine
97%

132527
(*S*)-(+)-2-Amino-1-butanol

≥98%

534560
(*S*)-(+)-2-Amino-1-hexanol
97%

534587
(*S*)-(+)-2-Amino-1-pentanol
97%

A76206
(*S*)-(+)-2-Amino-1-propanol
98%

186708
(*S*)-(+)-2-Amino-3-methyl-1-butanol
96%

476986
(*S*)-(+)-2-Amino-4-bromobutyric acid hydrobromide
97%

679399
(*S*)-(+)-2-Aminobutanamide hydrochloride
97%

237698
(*S*)-(+)-2-Butanol
99%

379093
(*S*)-(+)-2-Hydroxy-3-methylbutyric acid
99%, optical purity ee: 99% (GLC)

523720
(*S*)-(+)-2-Indolinemethanol
97%

245526
(*S*)-(+)-2-Methylbutyric acid
98%

522902
(*S*)-(+)-2-Methylpiperidine
97%

649147

(*S*)-(+)-2-Methylpyrrolidine
95%

186511
(*S*)-(+)-2-Pyrrolidinemethanol
97%

664073
(*S*)-(+)-2,3,7,7a-Tetrahydro-7a-methyl-1*H*-indene-1,5(6*H*)-dione
97%

421642
(*S*)-(+)-3-Acetyl-4-benzyl-2-oxazolidinone
99%

19929
(*S*)-(+)-3-Amino-1-Boc-piperidine
≥98.0% (TLC)

637513
(*S*)-(+)-3-Fluoropyrrolidine hydrochloride
97%

296686
(*S*)-(+)-3-Hydroxytetrahydrofuran
99%

656364
(*S*)-(+)-3-Piperidinecarboxylic acid
97%

681520
(*S*)-(+)-3,3′-Bis(3,5-bis(trifluoromethyl)phenyl)-1,1′-binaphthyl-2,2′-diyl hydrogenphosphate
95%

668516
(*S*)-(+)-3,3-Dimethyl-2-butylamine
97%

542946
(*S*)-(+)-4-Amino-3-hydroxybutyric acid
97%

458775
(*S*)-(+)-4-Benzyl-3-propionyl-2-oxazolidinone
99%

558028
(*S*)-(+)-4-Penten-2-ol
95%

682136
(*S*)-(+)-4,12-Bis(diphenylphosphino)-[2.2]-paracyclophane
96%

284785
(*S*)-(+)-6-Methoxy-α-methyl-2-naphthaleneacetic acid
98%

369675
(*S*)-(+)-α-Methoxy-α-(trifluoromethyl)phenylacetyl chloride
99%

248983
(*S*)-(+)-α-Methoxyphenylacetic acid
99%

665355
(*S*)-(+)-Benzyl(3,5-dioxa-4-phospha-cyclohepta[2,1-a;3,4-a′]dinaphthalen-4-yl)methylamine
97%

435759
(*S*)-(+)-Carvone
96%

377716
(*S*)-(+)-Citronellyl bromide
95%

301159
(*S*)-(+)-Hexahydromandelic acid
98%

471909
(*S*)-(+)-Ketoprofen
99%

778052
(*S*)-(+)-Mandelic acid
ReagentPlus®, ≥99%

744646
(*S*)-(+)-*N*-(3,5-Dioxa-4-phosphacyclohepta[2,1-*a*;3,4-*a*′]dinaphthalen-4-yl)-dibenzo[*b*,*f*]azepine
≥95% (elemental analysis)

634786
(*S*)-(+)-*N*-Boc-3-pyrrolidinol
97%

712922
(*S*)-(+)-Naproxen chloride
≥97.0%

516899
(*S*)-(+)-*p*-Toluenesulfinamide
98%

729698
(*S*)-(+)-Pantolactone
97%

296651
(*S*)-(+)-*sec*-Butylamine
99%

412945
(*S*)-(+)-Tetrahydrofurfurylamine
97%

29517
(*S*)-(6,6′-Dimethoxybiphenyl-2,2′-diyl)bis[bis(3,5-dimethylphenyl)phosphine]
≥97%, optical purity ee: ≥99%

88754
(*S*)-1-[(*R*$_P$)-2-(Di-*tert*-butylphosphino)ferrocenyl]ethyldiphenylphosphine
≥97%

88734
(*S*)-1-[(*R*$_P$)-2-(Dicyclohexylphosphino)ferrocenyl]ethyldi-*tert*-butylphosphine
≥97%

88720
(*S*)-1-[(*R*$_P$)-2-(Diphenylphosphino)ferrocenyl]ethyldi-tert-butylphosphine
≥97%

88718
(*S*)-1-[(*R*$_P$)-2-(Diphenylphosphino)ferrocenyl]ethyldicyclohexylphosphine
≥97%

65672
(*S*)-1-{(*S*$_P$)-2-[2-(Diphenylphosphino)phenyl]ferrocenyl}ethylbis[3,5-bis-(trifluoromethyl)phenyl]phosphine
≥97%

687367
(*S*)-1-Boc-3-hydroxypiperidine
97%

63207
(*S*)-1-Boc-3-methylpiperazine
≥98%

676322
(*S*)-1-Boc-4-oxopiperidine-2-carboxylic acid
95%

681229
(*S*)-1-Boc-piperidine-3-carboxylic acid
97%

716715
(*S*)-2-[(Diphenylphosphino)methyl]pyrrolidine

688533
(*S*)-2-[2-[Bis(2-tolyl)phosphino]phenyl]-4-*tert*-butyl-2-oxazoline
97%

693316
(*S*)-2-[[3,5-Bis(trifluoromethyl)phenyl]thioureido]-*N*-benzyl-*N*,3,3-trimethylbutanamide
97%

900811
(*S*)-2-(2,3-Bis(dicyclohexylamino)cyclopropenimine)-3-phenylpropan-1-ol hydrochloride
≥95%

469513
(*S*)-2-(Boc-amino)-1-propanol
98%, optical purity ee: 98% (GLC)

670197
(*S*)-2-(Methoxydiphenylmethyl)pyrrolidine
95% (HPLC)

714127
(*S*)-3-Amino-2-(hydroxymethyl)propionic acid
≥96% (TLC)

757454
(*S*)-3-Aminobutyric acid
97%

54925
(*S*)-3-Hydroxybutyric acid
≥97.0%

56437
(*S*)-3-Pyrrolidinol
≥97.0% (sum of enantiomers, GC)

689785
***(S)*-3,3′-Bis(2,4,6-triisopropylphenyl)-1,1′-binaphthyl-2,2′-diyl hydrogenphosphate**
≥97.0% (qNMR)

717738
(*S*)-3,3′-Bis(9-anthracenyl)-1,1′-binaphthyl-2,2′-diyl hydrogenphosphate

680184
(*S*)-3,3′-Bis(triphenylsilyl)-1,1′-binaphthyl-2,2′-diyl hydrogenphosphate
96%

658405
(*S*)-4-(4-Aminobenzyl)-2(1*H*)-oxazolidinone
97%

294640
(*S*)-4-Benzyl-2-oxazolidinone
99%

902640
(S)-4-Methyl-2-oxazolidinone

688495
(*S*)-4-*tert*-Butyl-2-[2-(diphenylphosphino)phenyl]-2-oxazoline
97%

708569
(*S*)-5-Benzyl-2-mesityl-6,6-dimethyl-6,8-dihydro-5*H*-[1,2,4]triazolo[3,4-*c*][1,4]oxazin-2-ium tetrafluorobo rate

36323
***(S)*-6-Oxo-2-piperidinecarboxylic acid**
≥95.0% (HPLC)

339822
(*S*)-α-Methyl-4-nitrobenzylamine hydrochloride
97%

670960
(*S*)-α,α-Bis[3,5-bis(trifluoromethyl)phenyl]-2-pyrrolidinemethanol
≥99.0%

677019
(*S*)-α,α-Bis[3,5-bis(trifluoromethyl)phenyl]-2-pyrrolidinemethanol trimethylsilyl ether
97%

670731
(*S*)-α,α-Bis(3,5-dimethylphenyl)-2-pyrrolidinemethanol
≥99% (HPLC)

422797
(*S*)-β-Hydroxy-γ-butyrolactone
96%

693057
(*S*)-BINAP

700150
(*S*)-Boc-5-oxopyrrolidine-2-carboxylic acid
97%

692980
(*S*)-DTBM-SEGPHOS®
≥94%

696439
(*S*)-Ethyl piperidine-3-carboxylate
97%

693014
(*S*)-H_8-BINAP
technical grade

670286
(*S*)-*N*-Boc-1,2,3,6-tetrahydro-2-pyridinecarboxylic acid
≥95% (HPLC)

672033

(*S*)-*N*-Boc-2,3-epoxypropylamine
97%

706434
(*S*)-*N*-Fmoc-piperidine-2-carboxylic acid
97%

672297
(*S*)-*N,N′*-Dimethyl-1,1′-binaphthyldiamine
≥99.0%

700746
(*S*)-SDP
≥95%

693006
(*S*)-SEGPHOS®
≥94%

700762
(*S*)-SIPHOS-PE
97%

693030
(*S*)-T-BINAP

T511609
(*S*)-TCYP
Aldrich^{CPR}

688320
(*S*)-VAPOL hydrogenphosphate

700851
(*S*)-Xyl-SDP

73469
(*S*$_P$,*S′*$_P$)-1,1′-Bis[bis(4-methoxy-3,5-dimethylphenyl)phosphino]-2,2′-bis[(*R*)-α-(dimethylamino)benzyl]ferrocene
≥97%

73476
(*S*$_P$)-1-[(*S*)-α-(Dimethylamino)-2-(diphenylphosphino)benzyl]-2-diphenylphosphinoferrocene
≥97%, optical purity ee: ≥99%

680990

1,1′-Bis[(2*R*,5*R*)-2,5-diethylphospholano]ferrocene

675601
1,1′-Bis[(2*R*,5*R*)-2,5-dimethylphospholano]ferrocene
≥97%

668435
1,2-Bis[(2*S*,5*S*)-2,5-diisopropylphospholano]ethane
kanata purity

678562
1,2-Bis[(2*S*,5*S*)-2,5-dimethylphospholano]benzene monooxide
kanata purity

69240
17α-Methyltestosterone
≥97.0% (HPLC)

G8503
18α-Glycyrrhetinic acid
≥95%

G10105
18β-Glycyrrhetinic acid
97%

74640
19-Nortestosterone
≥99.0% (HPLC)

695599
2-(2-(Diphenylphosphino)ethyl)pyridine
kanata purity

672661
2-(Di-*tert*-butyl-phosphino)-1-phenyl-1*H*-pyrrole
95%

672564
2-(Di-*tert*-butylphosphino)-1-(2-methoxyphenyl)-1*H*-pyrrole
95%

672343
2-(Di-*tert*-butylphosphino)-1-phenylindole
95%

672017
2-(Dicyclohexylphosphino)-1-phenyl-1*H*-pyrrole

95%

43162
2-(Diphenylphosphino)ethylamine
≥95.0% (GC)

673331
2,2′-[(1*R*,2*R*)-(–)-1,2-Cyclohexanediylbis[(*E*)-(nitrilomethylidyne)]]bis[4-(*tert*-butyl)-6-(4-morpholinylmethyl)phenol]
97%

673374
2,2′-[(1*R*,2*R*)-1,2-Cyclohexanediylbis[(*E*)-(nitrilomethylidyne)]]bis[4-(*tert*-butyl)-6-(1-piperidinylmethyl)phenol]
97%

405973
2,2′-Bis[(4*S*)-4-benzyl-2-oxazoline]
98%

406147
2,2′-Isopropylidenebis[(4*S*)-4-*tert*-butyl-2-oxazoline]
99%

405981
2,2′-Methylenebis[(4*R*,5*S*)-4,5-diphenyl-2-oxazoline]
99%

416428
2,2′-Methylenebis[(4*S*)-4-phenyl-2-oxazoline]
97%

405965
2,2′-Methylenebis[(4*S*)-4-*tert*-butyl-2-oxazoline]
99%

680192
2,2-Bis((4*S*)-(–)-4-isopropyloxazoline)propane
96%

673986
2,6-Bis[(3a*R*,8a*S*)-(+)-8*H*-indeno[1,2-*d*]oxazolin-2-yl)pyridine
≥94%

673978
2,6-Bis[(3a*S*,8a*R*)-3a,8a-dihydro-8*H*-indeno[1,2-*d*]oxazolin-2-yl]pyridine

477494
2,6-Bis[(4*R*)-(+)-isopropyl-2-oxazolin-2-yl]pyridine
99%

496065
2,6-Bis[(4*R*)-4-phenyl-2-oxazolinyl]pyridine
98%

496103
2,6-Bis[(4*S*,5*S*)-4-methyl-5-phenyl-2-oxazolinyl]pyridine
98%

407151
2,6-Bis[(4*S*)-(−)-isopropyl-2-oxazolin-2-yl]pyridine
99%

496073
2,6-Bis[(4*S*)-4-phenyl-2-oxazolinyl]pyridine
98%

704059
2,6-Bis((*S*)-4,5-dihydro-4-phenethyloxazol-2-yl)pyridine
97%

73022
2,6-Diisopropylphenylimido-neophylidene[(*S*)-(−)-BIPHEN]molybdenum(VI)
ringclosing metathesis catalyst, ≥95.0% (C)

226947
3-[(3-Cholamidopropyl)dimethylammonio]-1-propanesulfonate hydrate
98%

195936
3-(Perfluorobutyryl)-(+)-camphor
96%

115576
3-Carene
90%

444197
3-Ethyl-3-oxetanemethanol
96%

277681
3-Methyl-3-oxetanemethanol
98%

192309
3,3-Dimethyloxetane
98%

756792
3,7-Diacetyl-1,3,7-triaza-5-phosphabicyclo[3.3.1]nonane
97%

464155
[3a*R*-[2(3′a*R,8′a*S**),3′aβ,8′aβ]]-(+)-2,2′-Methylenebis[3a,8a-dihydro-8*H*-indeno[1,2-*d*]oxazole]**
98%

375845
[3*R*(1′*R*,4*R*)]-(+)-4-Acetoxy-3-[1-(*tert*-butyldimethylsilyloxy)ethyl]-2-azetidinone
98%

710962
4-Oxo-L-proline hydrobromide
85%

717061
4,4-Difluoro-L-prolinamide hydrochloride
97%

C75004
5-Cholesten-3-one

674788
5a(*R*),10b(*S*)-5a,10b-Dihydro-2-(pentafluorophenyl)-4*H*,6*H*-indeno[2,1-*b*][1,2,4]triazolo[4,3-*d*][1,4]oxazinium tetrafluoroborate
97%

S3757
α-Solanine
from potato sprouts, ≥95%

284998
Adrenosterone
98%

377228
Ammonium lactate solution
technical grade, 20 wt. % in H_2O

365645
Andrographolide
98%

219126
β-Butyrolactone
98%

B8154
Baccatin III
≥95% (HPLC)

572667
Baicalin
95%

461784
Benzyl (*R*)-(+)-2-hydroxy-3-phenylpropionate
97%

459879
Benzyl (*S*)-(−)-2-hydroxy-3-phenylpropionate
97%

468975
Benzyl (*S*)-(−)-4-oxo-2-azetidinecarboxylate
97%

547190
Berbamine dihydrochloride

855057
Betulinic acid
technical grade, 90%

CDS005391
boc-cis-acpc
Aldrich^{CPR}

399027
Brucine
anhydrous, 98%

367869
Brucine hydrate
technical grade

237868
Brucine sulfate heptahydrate
ACS reagent

440329
Butyl (*S*)-(−)-2-pyrrolidone-5-carboxylate
98%

21185
Calcium L-lactate hydrate
≥98.0% (calc. based on dry substance, KT)

L2000
Calcium L-lactate hydrate
~90%

671479
cataCXium® A
95%

900941
Chloro(4-cyanophenyl)[(*R*)-1-[(*S*)-2-[bis(4-fluorophenyl]phosphino]ferrocenyl]ethyldi-*tert*-butylphosphine]nickel(II)
≥95%

900943
Chloro(4-cyanophenyl)[(*R*)-1-[(*S*)-2-(dicyclohexylphosphino)ferrocenyl]ethyldicyclohexylphosphine]nickel(II)

900942
Chloro(4-cyanophenyl)[(*R*)-1-[(*S*)-2-(dicyclohexylphosphino)ferrocenyl]ethyldiphenylphosphine]nickel(II)
≥95%

900944
Chloro(4-cyanophenyl)[(*R*)-1-[(*S*)-2-(diphenylphosphino)ferrocenyl]ethylditertbutylphosphine]nickel(II)
≥95%

449520
Chlorocyclopentadienyl[(4*R*,5*R*)-2,2-dimethyl-α,α,α′,α′-tetraphenyl-1,3-dioxolane-4,5-dimethanolato]titanium
97%

C79409
Cholesteryl stearate

96%

C80407
Cinchonidine
96%

27370
Cinchonine
crystallized, ≥98.0% (NT)

420328
Cinchonine monohydrochloride hydrate
99%

391190
***cis*-3-Azabicyclo[3.1.0]hexane-2-carboxylic acid**
98%

712264
Cytisine
≥99.0% (HPLC), ≥99%

138622
D-(−)-Quinic acid
98%

376906
D-(+)-3-Phenyllactic acid
98%

N3386
D-(+)-Neopterin
≥97.5% (sum of enantiomers, HPLC)

55452
D-α-Hydroxyisovaleric acid
≥98.0% (T)

537306
D-Hydroorotic acid
98%

237817
D-(−)-Pantolactone
99%

T206

D-(−)-Tartaric acid
ReagentPlus®, 99%

95320
D-(−)-Tartaric acid
puriss., unnatural form, ≥99.0% (T)

V900613
D-(−)-Tartaric acid
Vetec™, reagent grade, 99%

02300
D-(+)-Malic acid
unnatural form, ≥97.0% (T)

V104
D-(+)-Vesamicol hydrochloride
solid

669997
Δ-TRISPHAT tetrabutylammonium salt
≥98.5% (^{31}P-NMR)

390089
Dehydroisoandrosterone 3-acetate
97%

108081
Di-*p*-toluoyl-D-tartaric acid monohydrate
98%

671584
Di(1-adamantyl)-*n*-butylphosphine hydriodide
95%

671800
Di(1-adamantyl)benzylphosphine
95%

345849
Dibenzoyl-L-tartaric acid
98%

531847
Dichloro[(*S*,*S*)-ethylenebis(4,5,6,7-tetrahydro-1-indenyl)]zirconium(IV)

455040

Dimethyl (*R*)-(+)-malate
98%

374318
Dimethyl (*S*)-(−)-malate
98%

798436
Endo-1-Naphthyl Kwon [2.2.1] Bicyclic Phosphine

798444
Endo-4-Methoxyphenyl Kwon [2.2.1] Bicyclic Phosphine

798363
Endo-Phenyl Kwon [2.2.1] Bicyclic Phosphine
95% (HPLC)

45510
Ergotamine D-tartrate
≥97.0% (calc. based on dry substance, NT)

460826
Ethyl (*R*)-(−)-2-hydroxy-4-phenylbutyrate
98%

347329
Ethyl (*R*)-(−)-3-hydroxybutyrate
98%

309982
Ethyl (*R*)-(−)-mandelate
99%, optical purity ee: 99% (GLC)

542911
Ethyl (*R*)-(+)-4-bromo-3-hydroxybutyrate
technical grade

460516
Ethyl (*R*)-(+)-4-chloro-3-hydroxybutyrate
96%

735566
Ethyl (*R*)-1-Boc-4-oxopiperidine-2-carboxylate
97%

460524
Ethyl (*S*)-(−)-4-chloro-3-hydroxybutyrate

96%

346810
Ethyl (*S*)-(+)-3-(2,2-dimethyl-1,3-dioxolan-4-yl)-2-propenoate,predominantly *trans*
99%

92698
Ethylenediamine-*N*,*N′*-disuccinic acid trisodium salt solution
~35% in H_2O

164747
Europium tris[3-(heptafluoropropylhydroxymethylene)-(+)-camphorate]
98%

176494
Europium tris[3-(trifluoromethylhydroxymethylene)-(+)-camphorate]

93335
Europium(III) tris[3-(heptafluoropropylhydroxymethylene)-*d*-camphorate]
puriss. p.a., for NMR spectroscopy

798339
Exo-1-Naphthyl Kwon [2.2.1] Bicyclic Phosphine

798347
Exo-2-Naphthyl Kwon [2.2.1] Bicyclic Phosphine

798746
***Exo*-4-anisole Kwon [2.2.1] bicyclic phosphine**

798371
Exo-Phenyl Kwon [2.2.1] Bicyclic Phosphine
95% (HPLC)

904961
Feng L_3-$PrPr_2$
≥95%

F5312
Fmoc-(*R*)-propargyl-Ala-OH

F5437
Fmoc-(*S*)-propargyl-Ala-OH

855022

Friedelin
technical grade

G2137
Glycyrrhizic acid ammonium salt from *glycyrrhiza root (licorice)*
≥70% (HPLC)

359343
Hydroquinidine
95%

254819
Hydroquinidine hydrochloride
98%

337714
Hydroquinine
98%

381977
Hydroquinine-9-phenanthryl ether
97%

316598
Isobutyl (*R*)-(+)-lactate
97%

21612
L-(−)-α-Amino-ε-caprolactam hydrochloride
≥97.0% (AT)

02288
L-(−)-Malic acid
ReagentPlus®, ≥99%

112577
L-(−)-Malic acid
97%, optical purity ee: 99% (GLC)

M1000
L-(−)-Malic acid
≥95% (titration)

27715
L-(+)-Lactic acid
80%

V900016

L-(+)-Lactic acid
Vetec™, reagent grade, 86%

T27502
L-4-Thiazolidinecarboxylic acid
98%

113069
L-(−)-3-Phenyllactic acid
98%

M9138
L-(−)-Malic acid disodium salt
≥95% (titration)

M1125
L-(−)-Malic acid sodium salt
95-100% (enzymatic)

A154
L-(+)-2-Amino-3-phosphonopropionic acid

T109
L-(+)-Tartaric acid
≥99.5%

251380
L-(+)-Tartaric acid
ACS reagent, ≥99.5%

714208
L-Allysine ethylene acetal
≥98% (TLC)

63097
Magnesium L-lactate hydrate
≥95.0% (calc. based on dry substance, KT), ~2 mol/mol water

855871
Mestranol
99%

469424
Methyl (2*R*)-glycidate
optical purity ee: 94% (GLC), 97%

469432
Methyl (2*S*)-glycidate
optical purity ee: 99% (GLC), 98%

591653
Methyl (3*S*)-(+)-3-(methyl-1*H*-indol-3-yl)-3-phenylpropionate
98%

270148
Methyl (*R*)-(−)-3-hydroxy-2-methylpropionate
99%

345482
Methyl (*R*)-(+)-2,2-dimethyl-1,3-dioxolane-4-carboxylate
98%

458937
Methyl (*R*)-(+)-3-Boc-2,2-dimethyl-4-oxazolidinecarboxylate
98%

243159
Methyl (*R*)-3-hydroxybutyrate
99%

516015
Methyl (*S*)-(−)-1-tritylaziridine-2-carboxylate
98%

516031
Methyl (*S*)-(−)-*N*-Z-aziridine-2-carboxylate
96%

270121
Methyl (*S*)-(+)-3-hydroxy-2-methylpropionate
97%

243167
Methyl (*S*)-(+)-3-hydroxybutyrate
99%

728357
***N*-[(1*R*,2*R*)-2-(1-Piperidinyl)cyclohexyl]-*N′*-[4-(trifluoromethyl)phenyl]squaramide**
95%

689017
***N*-[(2*S*)-2-Pyrrolidinylmethyl]-trifluoromethanesulfonamide**
≥98.5% (T)

708925
***N*-[[2-(Diphenylphosphino)phenyl]methylene]-3-methyl-L-valine sodium salt**
95%

690384
***N*-[3,5-Bis(trifluoromethyl)phenyl]-*N′*-[(8a,9*S*)-10,11-dihydro-6′-methoxy-9-cinchonanyl]thiourea**
90%

690481
***N*-[3,5-Bis(trifluoromethyl)phenyl]-*N′*-[(8a,9*S*)-6′-methoxy-9-cinchonanyl]thiourea**
90%

524433
***N*-Benzylcinchonidinium bromide**
97%

366188
***N*-Benzylcinchoninium chloride**
98%

374482
***N*-Benzylquininium chloride**
95%

702498
***N*-Boc-4-oxo-L-proline methyl ester**
97%

687340
***N*-Boc-4,4-difluoro-L-proline**
97%

702463
***N*-Boc-4,4-Difluoro-L-proline methyl ester**
97%

717010
***N*-Boc-*cis*-4-Fluoro-L-proline methyl ester**
97%

687332
***N*-Boc-*trans*-4-fluoro-L-proline**
97%

702412
***N*-Boc-*trans*-4-fluoro-L-proline methyl ester**
97%

392480
Norepinephrine L-bitartrate hydrate
99%

499617
***O*-Allyl-*N*-(9-anthracenylmethyl)cinchonidinium bromide**
90%

O5504
Oleanolic acid
≥97%

119792
Podocarpic acid
98%

244791
Potassium antimony(III) tartrate hydrate
≥99%

383376
Potassium antimonyl tartrate trihydrate
ACS reagent, ≥99%

25506
Potassium L-tartrate monobasic
puriss., meets analytical specification of Ph.Eur., BP, FCC, 99.5-100.5% (related to dried substance)

243531
Potassium L-tartrate monobasic
99%

217255
Potassium sodium tartrate tetrahydrate
ACS reagent, 99%

P49902
Pregnenolone acetate
99%

22600
Quinidine
crystallized, ≥98.0% (dried material, NT)

145904
Quinine
90%

145920
Quinine monohydrochloride dihydrate
90%

V900715

Quinine monohydrochloride dihydrate
Vetec™, reagent grade, 88%

708674
RuCl[(*S*,*S*)-TsDPEN](mesitylene)
95%

520160
Shi Epoxidation Diketal Catalyst
98%

693456
Shi Epoxidation Oxazolidinone Methyl Catalyst
95%

71716
Sodium D-lactate
≥99.0% (NT)

289981
Sodium hydrogentartrate
98%

71718
Sodium L-lactate
≥99.0% (NT)

228729
Sodium L-tartrate dibasic dihydrate
ACS reagent, ≥99%

50515
Stearyl glycyrrhetinate
≥95.0%

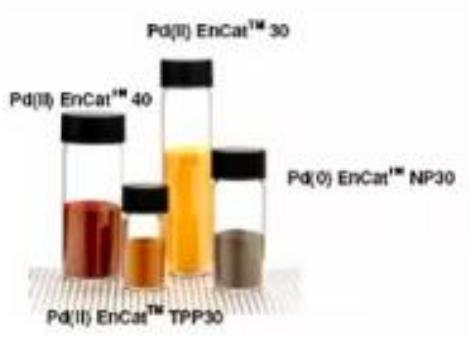
539015
***tert*-Butyl (4*R*,6*R*)-6-cyanomethyl-2,2-dimethyl-1,3-dioxane-4-acetate**
97%

136115
Thiocholesterol

T76201
Trimethylene oxide
97%

U6753
Ursolic acid
≥90%

Inorganic Catalysts



Inorganic catalysts, also known as heterogeneous catalysts, include metals and their oxides, supported on porous materials, that emulate the exquisite function of Nature′s catalysts— enzymes. The reactants bind to the active sites on the metal surface through adsorption. Hence it is important to ensure that there are sufficient active sites available on the metal surface. Porous materials, typically carbon, silica, or alumina, are chosen as supporting materials due to their large surface areas. As the surface area increases, the number of active sites increases and so does the catalytic activity.

Inorganic catalysts play a key role in many synthetic reactions in industry and academia. Because these catalysts are in a different phase than the starting materials and the desired compound (once the reaction is complete), they are easier to remove and recycle. This has made inorganic catalysts extremely valuable for industrial and bulk procedures. However, unlike the organocatalysts and ligands, heterogeneous catalysts aren’t easily optimized.

Within the field of heterogeneous catalysis, there are several classes of transformations that have become a mainstay in the toolkit of synthetic and increasingly non-synthetic chemists alike. While several of these transformations are mentioned, they have taken the names of the laboratories from which they have been developed and include but are not limited to: Stille coupling, Buchwald-Hartwig, Negishi coupling, Heck reaction, Miyaura-Suzuki coupling, and Sonogashira coupling.

We offer an unmatched portfolio of inorganic catalysts such as **platinum**, **palladium**, **ruthenium**, **rhodium** supported on carbon, **silica**, and **calcium carbonate** to support all your research application needs. Just filter by keyword below.

440418
1,3-Bis(dicyclohexylphosphino)propane
95%

8.14917
Aluminium
grit

11009
Aluminum
powder, ≥91% (complexometric)

210072
Aluminum bromide
powder and chunks, ≥98%

449601
Aluminum bromide
anhydrous, powder, 99.999% trace metals basis

401218
Aluminum bromide
≥99.99% trace metals basis

449598
Aluminum chloride
anhydrous, powder, 99.99% trace metals basis

294713
Aluminum chloride
99.99% trace metals basis

563919
Aluminum chloride
anhydrous, powder, 99.999% trace metals basis

237051
Aluminum chloride
ReagentPlus®, 99%

206911
Aluminum chloride
reagent grade, 98%

11019
Aluminum chloride
anhydrous, sublimed, ≥98%

A0718
Aluminum chloride hexahydrate
meets EP, BP, USP testing specifications

237078
Aluminum chloride hexahydrate
ReagentPlus®, 99%

229393
Aluminum chloride hydrate
99.999% trace metals basis

237973
Aluminum nitrate nonahydrate
ACS reagent, ≥98%

06233
Aluminum phosphate monobasic
purum, ≥95.0% (gravimetric)

227617
Aluminum sulfate octadecahydrate
≥97%

72240
Aluminum-nickel alloy
purum, 50% Al basis, 50% Ni basis

372331
Ammonium acetate
99.999% trace metals basis

221759
Ammonium cerium(IV) sulfate dihydrate

22269
Ammonium cerium(IV) sulfate dihydrate
puriss. p.a., ACS reagent, ≥98.0% (RT)

383090
Ammonium cerium(IV) sulfate dihydrate
ACS reagent, ≥94%

213330
Ammonium chloride
ACS reagent, ≥99.5%

497363
Ammonium cobalt(II) sulfate hexahydrate
99%

216593
Ammonium hexafluorophosphate
99.98% trace metals basis

457183
Ammonium hexafluorostannate
≥99.99% trace metals basis

204749
Ammonium hexafluorotitanate
99.99% trace metals basis

F1543
Ammonium iron(II) sulfate hexahydrate
BioXtra, ≥98%

215406
Ammonium iron(II) sulfate hexahydrate
ACS reagent, 99%

398128
Ammonium metavanadate
ACS reagent, ≥99.0%

277908
Ammonium molybdate
99.98% trace metals basis

09878
Ammonium molybdate tetrahydrate
BioUltra, ≥99.0% (T)

M1019
Ammonium molybdate tetrahydrate
BioReagent, suitable for cell culture, suitable for insect cell culture, 81.0-83.0% MoO_3 basis

A7302
Ammonium molybdate tetrahydrate
ACS reagent, 81.0-83.0% MoO_3 basis

431346
Ammonium molybdate tetrahydrate
ACS reagent, 99.98% trace metals basis

A1827
Ammonium nickel(II) sulfate hexahydrate
≥98%

574988
Ammonium nickel(II) sulfate hexahydrate
99.999% trace metals basis

204161
Ammonium perrhenate
99.999% trace metals basis

316954
Ammonium perrhenate

≥99%

342165
Ammonium phosphomolybdate hydrate

00634
Ammonium tetrachlorocuprate(II) dihydrate
puriss., ≥99.0% (AT)

12801
Ammonium tetrachlorocuprate(II) dihydrate
purum, ≥98%

380520
Ammonium tetraphenylborate
99%

323446
Ammonium tetrathiomolybdate
99.97% trace metals basis

549541
Antimony tin oxide
nanopowder, <50 nm particle size, ≥99.5% trace metals basis

483265
Antimony(III) acetate
99.99% trace metals basis

337374
Antimony(III) chloride
≥99.95% trace metals basis

311375
Antimony(III) chloride
ACS reagent, ≥99.0%

215783
Antimony(III) chloride
ReagentPlus®, 99%

381292
Antimony(III) fluoride
powder, 99.8% trace metals basis

401188
Antimony(III) iodide
98%

637173
Antimony(III) oxide
nanopowder, <250 nm particle size (TEM), ≥99.9% trace metals basis

10783
Antimony(III) sulfate
≥95.0%

338877
Antimony(V) chloride
≥99.99% trace metals basis

519111
Arsenic(II) sulfide
95%

753130
Barium bis(trifluoromethanesulfonimide)

554847
Barium oxide
99.99% trace metals basis

288497
Barium oxide
97%

243353
Barium sulfate
ReagentPlus®, 99%

523437
Barium sulfide
99.9%

1.12048
Barium titanate (IV)
Barium titanate (IV). CAS No. 12047-27-7, EC Number 234-975-0.

338842
Barium titanate(IV)
powder, <2 µm, 99.5% trace metals basis

467634
Barium titanate(IV)
nanopowder (cubic crystalline phase), <100 nm particle size (BET), ≥99% trace metals basis

208108
Barium titanate(IV)
powder, <3 µm, 99%

383309
Barium zirconate
powder, <10 µm

265063
Beryllium
chunks, 99.9%

N7524
Bis(cyclopentadienyl)nickel(II)

510807
Bis(cyclopentadienyl)tungsten(IV) dihydride
97%

512559
Bis(isopropylcyclopentadienyl)tungsten(IV) dihydride

566748
Bis(pentafluorophenyl)zinc
97%

378542
Bis(pentamethylcyclopentadienyl)iron(II)
97%

8.04174
Bis(triphenylphosphine)palladium(II) chloride (15.2% Pd)
for synthesis

95372
Bismuth
granular, ≥99.99% trace metals basis

1.12400
Bismuth
(powder) 99+

401587
Bismuth(III) acetate
≥99.99% trace metals basis

401072
Bismuth(III) bromide
≥98%

470279
Bismuth(III) chloride
AnhydroBeads™, −10 mesh, 99.999% trace metals basis

450723
Bismuth(III) chloride
anhydrous, powder, 99.998% trace metals basis

224839
Bismuth(III) chloride
reagent grade, ≥98%

254142
Bismuth(III) chloride
99.99% trace metals basis

1.12403
Bismuth(III) chloride
98+

480746
Bismuth(III) citrate
99.99% trace metals basis, −325 mesh

401528
Bismuth(III) fluoride
≥99.99% trace metals basis

15102
Bismuth(III) gallate basic hydrate
≥98.0% (calc. on dry substance, KT)

341010
Bismuth(III) iodide
99%

229474
Bismuth(III) iodide
≥99.998% trace metals basis

254150
Bismuth(III) nitrate pentahydrate
99.999% trace metals basis

467839
Bismuth(III) nitrate pentahydrate
≥99.99% trace metals basis

248592
Bismuth(III) nitrate pentahydrate
reagent grade, 98%

383074
Bismuth(III) nitrate pentahydrate
ACS reagent, ≥98.0%

95381
Bismuth(III) oxide
purum, ≥98.0% (KT)

202827
Bismuth(III) oxide
powder, 99.999% trace metals basis

223891
Bismuth(III) oxide
ReagentPlus®, powder, 10 µm, 99.9% trace metals basis

637017
Bismuth(III) oxide
nanopowder, 90-210 nm particle size, 99.8% trace metals basis

483311
Bismuth(III) phosphate
99.99%

480789
Bismuth(III) subsalicylate
99.9% trace metals basis

808970
Black Phosphorus
Crystal, 99.995%

266620
Boron
crystalline, 1 cm, 99.7% trace metals basis

15580
Boron

≥95% (boron), amorphous powder

1.12070
Boron
powder

463086
Boron trifluoride
electronic grade, ≥99.99%

341622
Bromopentacarbonylmanganese(I)
98%

327638
Bromopentacarbonylrhenium(I)
98%

20835
Cacodylic acid
≥99.0%

265330
Cadmium
granular, ≥99%, 5-20 mesh

265365
Cadmium
powder, −100 mesh, 99.5% trace metals basis

414891
Cadmium
granular, 30-80 mesh, ≥99%

289159
Cadmium acetate dihydrate
reagent grade, 98%

229490
Cadmium acetate hydrate
≥99.99% trace metals basis

517585
Cadmium acetylacetonate
≥99.9% trace metals basis

289140
Cadmium carbonate

powder, 98%

202908
Cadmium chloride
99.99% trace metals basis

239208
Cadmium chloride hemi(pentahydrate)
ACS reagent, 79.5-81.0%

529575
Cadmium chloride hydrate
99.995% trace metals basis

208299
Cadmium chloride hydrate
98%

228516
Cadmium iodide
99%

229520
Cadmium nitrate tetrahydrate
99.997% trace metals basis

642045
Cadmium nitrate tetrahydrate
98%

202894
Cadmium oxide
≥99.99% trace metals basis

202894
Cadmium oxide
≥99.99% trace metals basis

401374
Cadmium perchlorate hydrate

529567
Cadmium perchlorate hydrate
99.999% trace metals basis

481882
Cadmium sulfate
≥99.99% trace metals basis

383082
Cadmium sulfate
ACS reagent, ≥99.0%

202924
Cadmium sulfate hydrate
≥99.995% trace metals basis

208159
Calcium oxide
ReagentPlus®, 99.9% trace metals basis

229539
Calcium oxide
99.995% trace metals basis

451711
Calcium oxide
anhydrous, powder, ≥99.99% trace metals basis

753122
Calcium(II) bis(trifluoromethanesulfonimide)
95%

461210
Cerium
chips

261041
Cerium
ingot, under oil, 99.9% trace rare earth metals basis

422312
Cerium trifluoromethanesulfonate
19-23% Ce basis

529559
Cerium(III) acetate hydrate
99.99% trace metals basis

367753
Cerium(III) acetate hydrate
99.9% trace metals basis

381403

Cerium(III) acetylacetonate hydrate

563226
Cerium(III) bromide
AnhydroBeads™, −10 mesh, 99.99% trace metals basis

325503
Cerium(III) carbonate hydrate
99.9% trace metals basis

429406
Cerium(III) chloride
AnhydroBeads™, −10 mesh, ≥99.99% trace metals basis

298190
Cerium(III) chloride
AnhydroBeads™, −10 mesh, 99.9%

22300
Cerium(III) chloride heptahydrate
purum p.a., ≥98.0% (AT)

228931
Cerium(III) chloride heptahydrate
99.9% trace metals basis

202983
Cerium(III) chloride heptahydrate
99.999% trace metals basis

229555
Cerium(III) fluoride
anhydrous, powder, 99.99% trace metals basis

466085
Cerium(III) iodide
AnhydroBeads™, −10 mesh, 99.99% trace metals basis

238538
Cerium(III) nitrate hexahydrate
99% trace metals basis

202991
Cerium(III) nitrate hexahydrate
99.999% trace metals basis

392219

Cerium(III) nitrate hexahydrate
99.99% trace metals basis

325511
Cerium(III) oxalate hydrate
99.9% trace metals basis

574201
Cerium(III) sulfate
≥99.99% trace metals basis

203009
Cerium(III) sulfate octahydrate
99.999% trace metals basis

435937
Cerium(IV) fluoride
99%

316970
Cerium(IV) hydroxide

544841
Cerium(IV) oxide
nanopowder, <25 nm particle size (BET)

211575
Cerium(IV) oxide
powder, <5 µm, 99.9% trace metals basis

22390
Cerium(IV) oxide
≥99.0%

202975
Cerium(IV) oxide
powder, 99.995% trace metals basis

572357
Cerium(IV) oxide-gadolinium doped
nanopowder, contains 20 mol % gadolinium as dopant

572330
Cerium(IV) oxide-gadolinium doped
nanopowder, contains 10 mol % gadolinium as dopant

643009

Cerium(IV) oxide, dispersion
nanoparticles, <25 nm particle size, 10 wt. % in H_2O

22300
Cerium(III) chloride heptahydrate
purum p.a., ≥98.0% (AT)

228931
Cerium(III) chloride heptahydrate
99.9% trace metals basis

202983
Cerium(III) chloride heptahydrate
99.999% trace metals basis

229555
Cerium(III) fluoride
anhydrous, powder, 99.99% trace metals basis

466085
Cerium(III) iodide
AnhydroBeads™, −10 mesh, 99.99% trace metals basis

238538
Cerium(III) nitrate hexahydrate
99% trace metals basis

202991
Cerium(III) nitrate hexahydrate
99.999% trace metals basis

392219
Cerium(III) nitrate hexahydrate
99.99% trace metals basis

325511
Cerium(III) oxalate hydrate
99.9% trace metals basis

574201
Cerium(III) sulfate
≥99.99% trace metals basis

203009
Cerium(III) sulfate octahydrate
99.999% trace metals basis

435937

Cerium(IV) fluoride
99%

316970
Cerium(IV) hydroxide

544841
Cerium(IV) oxide
nanopowder, <25 nm particle size (BET)

211575
Cerium(IV) oxide
powder, <5 µm, 99.9% trace metals basis

22390
Cerium(IV) oxide
≥99.0%

202975
Cerium(IV) oxide
powder, 99.995% trace metals basis

572357
Cerium(IV) oxide-gadolinium doped
nanopowder, contains 20 mol % gadolinium as dopant

572330
Cerium(IV) oxide-gadolinium doped
nanopowder, contains 10 mol % gadolinium as dopant

643009
Cerium(IV) oxide, dispersion
nanoparticles, <25 nm particle size, 10 wt. % in H_2O

359009
Cerium(IV) sulfate

31606
Cerium(IV) sulfate tetrahydrate
puriss. p.a., ≥98%

634174
Cerium(IV)-zirconium(IV) oxide
nanopowder, <50 nm particle size (BET), 99.0% trace metals basis

202126
Cesium carbonate
99.9% trace metals basis

81080
Chloroplatinic acid hydrate
~38% Pt basis

1.12097
Chromium
powder 99+

255610
Chromium
chips, thickness ~2 mm, 99.5%

266264
Chromium
powder, 99.5%, −100 mesh

266299
Chromium
powder, ≥99% trace metals basis, <45 µm

241458
Chromium(0) hexacarbonyl
98%

8.22196
Chromium(0) hexacarbonyl
for synthesis

244805
Chromium(II) chloride
95%

200050
Chromium(III) chloride
purified by sublimation, 99%

27096
Chromium(III) chloride hexahydrate
purum p.a., ≥98.0% (RT)

230723
Chromium(III) chloride hexahydrate
96%

239259
Chromium(III) nitrate nonahydrate

99%

266639
Cobalt
powder, 2 µm particle size, 99.8% trace metals basis

266655
Cobalt
pieces, 99.5% trace metals basis

60811
Cobalt carbonyl
moistened with hexane (hexane 1-10%), ≥90% (Co)

1.12211
Cobalt powder
99+

403024
Cobalt(II) acetate tetrahydrate
ACS reagent, ≥98.0%

334030
Cobalt(II) bromide hydrate

255599
Cobalt(II) chloride hexahydrate
ACS reagent, 98%

230375
Cobalt(II) nitrate hexahydrate
reagent grade, 98%

239267
Cobalt(II) nitrate hexahydrate
ACS reagent, ≥98%

CDS004010
cobalt(ii) sulfate heptahydrate
Aldrich^{CPR}

266086
Copper
powder, <425 µm, 99.5% trace metals basis

311405
Copper
ACS reagent, granular, 10-40 mesh, ≥99.90%

223409
Copper
shot, −3-+14 mesh, 99%

12816
Copper
foil, ≥99.8% (complexometric)

61139
Copper
turnings, purum p.a., ≥99.0%

CDS007432
copper oxychloride
Aldrich[CPR]

403342
Copper(I) acetate
97%

254185
Copper(I) bromide
99.999% trace metals basis

212865
Copper(I) bromide
98%

230502
Copper(I) bromide dimethyl sulfide complex
99%

651745
Copper(I) chloride
AnhydroBeads™, ≥99.99% trace metals basis

229628
Copper(I) chloride
≥99.995% trace metals basis

212946
Copper(I) chloride
reagent grade, 97%

224332

Copper(I) chloride
ReagentPlus®, purified, ≥99%

03140
Copper(I) iodide
purum, ≥99.5%

215554
Copper(I) iodide
99.999% trace metals basis

8.18311
Copper(I) iodide
for synthesis

205540
Copper(I) iodide
98%

217557
Copper(II) acetate monohydrate
ACS reagent, ≥98%

C87851
Copper(II) acetylacetonate
97%

221775
Copper(II) bromide
99%

8.14658
Copper(II) bromide
for synthesis

203149
Copper(II) chloride
99.999% trace metals basis

222011
Copper(II) chloride
97%

8.18247
Copper(II) chloride
for synthesis

467847

Copper(II) chloride dihydrate
≥99.95% trace metals basis

307483
Copper(II) chloride dihydrate
ACS reagent, ≥99.0%

731714
copper(II) ethylacetoacetate
97%

223395
Copper(II) nitrate hemi(pentahydrate)
ACS reagent, 98%

310433
Copper(II) oxide
needles, mixture of CuO and Cu_2O, ACS reagent

241741
Copper(II) oxide
ACS reagent, ≥99.0%

469130
Copper(II) sulfate pentahydrate
99.995% trace metals basis

209198
Copper(II) sulfate pentahydrate
ACS reagent, ≥98.0%

C2284
Copper(II) sulfate solution
4 % (w/v) (prepared from copper (II) sulfate pentahydrate)

61243
Copper(II) tartrate hydrate
≥95.0% (calc. on dry substance, RT)

731722
Copper(II) *tert*-butylacetoacetate
97%

747688
Copper(II) trifluoromethanesulfonimide hydrate

01713
Cryolite

synthetic, ≥97.0% (from F)

288055
Cyclopentadienylmanganese(I) tricarbonyl

117609
Cyclopentadienylmolybdenum(II) tricarbonyl, dimer
98%

567671
Dichlorobis(trimethylphosphine)nickel(II)
97%

381667
Diethylenetriaminepentaacetic acid gadolinium(III) dihydrogen salt hydrate
97%

225460
Diironnonacarbonyl
98%

224308
Dilithium tetrachlorocuprate(II) solution
0.1 M in THF

245003
Dirhenium decacarbonyl
98%

261076
Dysprosium
ingot, 99.9% trace rare earth metals basis

263028
Dysprosium
chips, 99.9% trace rare earth metals basis

1.12151
Dysprosium oxide
99+

325538
Dysprosium(III) acetate hydrate
99.9% trace metals basis

325546
Dysprosium(III) chloride

anhydrous, powder, 99.99% trace metals basis

289272
Dysprosium(III) chloride hexahydrate
99.9% trace metals basis

450847
Dysprosium(III) fluoride
anhydrous, powder, ≥99.98% trace rare earth metals basis

298158
Dysprosium(III) nitrate hydrate
99.9% trace metals basis

289264
Dysprosium(III) oxide
99.9% trace metals basis

203181
Dysprosium(III) oxide
≥99.99% trace metals basis

637289
Dysprosium(III) oxide
nanopowder, <100 nm particle size, 99.9% trace metals basis

425664
Dysprosium(III) trifluoromethanesulfonate
98%

325570
Erbium(III) acetate hydrate
99.9% trace metals basis

449792
Erbium(III) chloride
anhydrous, powder, 99.9% trace metals basis

203211
Erbium(III) chloride hexahydrate
99.995% trace metals basis

289256
Erbium(III) chloride hexahydrate
99.9% trace metals basis

298166
Erbium(III) nitrate pentahydrate

99.9% trace metals basis

289248
Erbium(III) oxide
99.9% trace metals basis

203238
Erbium(III) oxide
≥99.99% trace metals basis

637343
Erbium(III) oxide
nanopowder, <100 nm particle size (BET), ≥99.9% trace metals basis

444111
Erbium(III) perchlorate solution
40 wt. % in H_2O, 99.9% trace metals basis

425672
Erbium(III) trifluoromethanesulfonate
98%

431850
Europium(II) chloride
99.99% trace metals basis

474770
Europium(II) iodide
anhydrous, powder, 99.9% trace metals basis

545090
Europium(III) acetate hydrate
99.999% trace metals basis

325627
Europium(III) acetate hydrate
99.9% trace metals basis

393215
Europium(III) acetylacetonate hydrate

575259
Europium(III) bromide hydrate
≥99.99% trace metals basis

429732

Europium(III) chloride
anhydrous, powder, 99.99% trace metals basis

238066
Europium(III) chloride
powder, ≥99.9% trace metals basis

203254
Europium(III) chloride hexahydrate
99.99% trace metals basis

212881
Europium(III) chloride hexahydrate
99.9% trace metals basis

254061
Europium(III) nitrate hydrate
99.99% trace metals basis

207918
Europium(III) nitrate pentahydrate
99.9% trace metals basis

289221
Europium(III) oxide
99.9% trace metals basis

203262
Europium(III) oxide
99.99% trace metals basis

323543
Europium(III) oxide
99.999% trace metals basis

634298
Europium(III) oxide
nanopowder, <150 nm particle size (TEM), 99.5% trace metals basis

1.12156
Europium(III) oxide
99+

263087
Gadolinium
chips

263060

Gadolinium
−40 mesh, 99% trace rare earth metals basis

325678
Gadolinium(III) acetate hydrate
99.9% trace metals basis

331716
Gadolinium(III) acetylacetonate hydrate
99.9% trace metals basis

439770
Gadolinium(III) chloride
anhydrous, powder, 99.99% trace metals basis

203289
Gadolinium(III) chloride hexahydrate
99.999% trace metals basis

G7532
Gadolinium(III) chloride hexahydrate
99% (titration)

450855
Gadolinium(III) chloride hydrate
99.99% trace metals basis

211591
Gadolinium(III) nitrate hexahydrate
crystals and lumps, 99.9% trace metals basis

217190
Gadolinium(III) nitrate hexahydrate
crystals and lumps, 99.999% trace metals basis

451134
Gadolinium(III) nitrate hexahydrate
99.99% trace metals basis

48220
Gadolinium(III) oxide
≥99.9%

278513
Gadolinium(III) oxide
powder, 99.9% trace metals basis

203297
Gadolinium(III) oxide
powder, ≥99.99% trace metals basis

637335
Gadolinium(III) oxide
nanopowder, <100 nm particle size (BET), 99.8% trace metals basis

575143
Gadolinium(III) sulfate
≥99.99% trace metals basis

203300
Gadolinium(III) sulfate octahydrate
≥99.99% trace metals basis

1.12169
Gallium
99+

393541
Gallium(III) acetylacetonate
99.99% trace metals basis

381357
Gallium(III) bromide
99.999%

450863
Gallium(III) bromide
anhydrous, powder, 99.999% trace metals basis

399116
Gallium(III) iodide
99.99% trace metals basis

229644
Gallium(III) nitrate hydrate
crystals and lumps, 99.999% trace metals basis

289892
Gallium(III) nitrate hydrate

crystalline, 99.9% trace metals basis

1.12171
Gallium(III) nitrate hydrate 98+
Gallium(III) nitrate hydrate 98+. CAS 69365-72-6, pH 2 (50 g/l, H_2O, 20 °C).

215066
Gallium(III) oxide
≥99.99% trace metals basis

254207
Gallium(III) sulfate
99.99% trace metals basis

410527
Gallium(III) sulfide
99.99% trace metals basis

572659
Germanium(II) bromide
97%

573515
Germanium(II) chloride dioxane complex (1:1)

383260
Germanium(II) iodide
≥99.8% trace metals basis

484539
Germanium(II) sulfide
99.99% trace metals basis

1.12177
Germanium(IV) oxide
99+

915246
Grubbs catalyst® M203
Umicore

915742
Grubbs Catalyst® M208
Umicore

923125
Grubbs Catalyst® M801
Umicore

8.07340
Hexachloroplatinic(IV) acid hexahydrate (~40% Pt)
for synthesis

679755
Hexafluorozirconic acid solution
50 wt. % in H_2O

178918
Hexane, mixture of isomers
ACS reagent, ≥98.5%

457957
Holmium
chips, 99.9% trace metals basis

467332
Holmium(III) acetate hydrate
99.99% trace metals basis

450901
Holmium(III) chloride
anhydrous, powder, 99.9% trace metals basis

289213
Holmium(III) chloride hexahydrate
99.9% trace metals basis

325732
Holmium(III) nitrate pentahydrate
99.9% trace metals basis

229687
Holmium(III) nitrate pentahydrate
99.99% trace metals basis

H9750
Holmium(III) oxide
≥99.9% (rare earth content, expressed as Ho_2O_3)

229679
Holmium(III) oxide
powder, 99.999% trace metals basis

1.12469
Holmium(III) oxide
LAB

637327
Holmium(III) oxide
nanopowder, <100 nm avg. part. size (DLS), ≥99.9% trace metals basis

443875
Holmium(III) perchlorate solution
40 wt. % in H_2O, 99.9% trace metals basis

425699
Holmium(III) trifluoromethanesulfonate
98%

1.12196
Indium
granular 99+

578606
Indium(I) iodide
anhydrous, powder, 99.999% trace metals basis

413658
Indium(I) iodide
AnhydroBeads™, −10 mesh, 99.999% trace metals basis

548456
Indium(II) chloride
99.9% trace metals basis

510270
Indium(III) acetate
99.99% trace metals basis

342378
Indium(III) acetate hydrate
99.99% trace metals basis

I3300
Indium(III) acetylacetonate
≥99.99% trace metals basis

545082
Indium(III) bromide
99.999% trace metals basis

308285
Indium(III) bromide
99%

203440
Indium(III) chloride
99.999% trace metals basis

429414
Indium(III) chloride
anhydrous, powder, ≥99.999% trace metals basis

334065
Indium(III) chloride
98%

334073
Indium(III) chloride tetrahydrate
97%

435848
Indium(III) fluoride
≥99.9% trace metals basis

413666
Indium(III) iodide
anhydrous, powder, 99.998% trace metals basis

326127
Indium(III) nitrate hydrate
99.99% trace metals basis

326135
Indium(III) nitrate hydrate
99.9% trace metals basis

254215
Indium(III) nitrate hydrate
99.999% trace metals basis

632317
Indium(III) oxide
nanopowder, <100 nm particle size (TEM), 99.9% trace metals basis

289418
Indium(III) oxide
99.99% trace metals basis

632317
Indium(III) oxide
nanopowder, <100 nm particle size (TEM), 99.9% trace metals basis

1.12201
Indium(III) oxide
99.5+

366870
Indium(III) phosphide
pieces, 3-20 mesh, 99.998% trace metals basis

57151
Indium(III) sulfate
anhydrous, ≥98.0% (T)

288721
Indium(III) sulfate hydrate
99.99% trace metals basis

8.43982
Indium(III)-sulfate, anhydrous
anhydrous

44890
Iron
puriss. p.a., carbonyl-Iron powder, low in magnesium and manganese compounds, ≥99.5% (RT)

356808
Iron
foil, thickness 0.1 mm, ≥99.9% trace metals basis

209309
Iron
powder, −325 mesh, 97%

356824
Iron
wire, diam. 1.0 mm, ≥99.9% trace metals basis

12310
Iron
≥99%, reduced, powder (fine)

778117
Iron disulfide
powder, −325 mesh, 99.8% trace metals basis

677426
Iron-nickel alloy
nanopowder, <100 nm particle size (BET), ≥97%

481718
Iron(0) pentacarbonyl
>99.99% trace metals basis

195731
Iron(0) pentacarbonyl

400831
Iron(II) bromide
98%

372870
Iron(II) chloride
98%

450944
Iron(II) chloride
AnhydroBeads™, −10 mesh, 99.9% trace metals basis

44953
Iron(II) lactate hydrate
≥98.0% (dried material)

215422
Iron(II) sulfate heptahydrate
ACS reagent, ≥99.0%

12354
Iron(II) sulfate heptahydrate
puriss., meets analytical specification of Ph. Eur., BP, USP, FCC, 99.5-104.5% (manganometric)

343161
Iron(II) sulfide
−100 mesh, 99.9% trace metals basis

44920
Iron(III) acetylacetonate
purum, ≥97.0% (RT)

F300
Iron(III) acetylacetonate
97%

517003
Iron(III) acetylacetonate
≥99.9% trace metals basis

217883
Iron(III) bromide
98%

451649
Iron(III) chloride
anhydrous, powder, ≥99.99% trace metals basis

701122
Iron(III) chloride
sublimed grade, ≥99.9% trace metals basis

8.03945
Iron(III) chloride
anhydrous for synthesis

F2877
Iron(III) chloride hexahydrate
reagent grade, ≥98%, chunks

236489
Iron(III) chloride hexahydrate
ACS reagent, 97%

12322
Iron(III) chloride solution
purum, 45% $FeCl_3$ basis

254223
Iron(III) nitrate nonahydrate
≥99.95% trace metals basis

216828
Iron(III) nitrate nonahydrate
ACS reagent, ≥98%

436011
Iron(III) phosphate dihydrate
Fe 29 %

307718

Iron(III) sulfate hydrate
97%

263109
Lanthanum
powder, −40 mesh, under oil, 99.9% trace rare earth metals basis

263117
Lanthanum
pieces

709190
Lanthanum boride
powder, −325 mesh, 99.5% trace metals basis

241857
Lanthanum hexaboride
powder, 10 µm, 95%

306339
Lanthanum(III) acetate hydrate
99.9% trace rare earth metals basis

325759
Lanthanum(III) acetylacetonate hydrate

449822
Lanthanum(III) bromide
AnhydroBeads™, −10 mesh, ≥99.99% trace metals basis

325767
Lanthanum(III) carbonate hydrate
99.9% trace metals basis

449830
Lanthanum(III) chloride
AnhydroBeads™, −10 mesh, ≥99.99% trace metals basis

298182
Lanthanum(III) chloride
AnhydroBeads™, −10 mesh, 99.9% trace metals basis

203521
Lanthanum(III) chloride heptahydrate
99.999% trace metals basis

262072

Lanthanum(III) chloride heptahydrate
ACS reagent

211605
Lanthanum(III) chloride hydrate
99.9% trace metals basis

449857
Lanthanum(III) fluoride
anhydrous, powder, 99.99% trace metals basis

447226
Lanthanum(III) hydroxide
99.9% trace metals basis

413674
Lanthanum(III) iodide
AnhydroBeads™, −10 mesh, 99.9% trace metals basis

665193
Lanthanum(III) isopropoxide
98%

331937
Lanthanum(III) nitrate hexahydrate
99.99% trace metals basis

203548
Lanthanum(III) nitrate hexahydrate
99.999% trace metals basis

238554
Lanthanum(III) nitrate hydrate
99.9% trace metals basis

461024
Lanthanum(III) oxalate hydrate
99.99% trace metals basis

634271
Lanthanum(III) oxide
nanopowder, <100 nm particle size (TEM), 99% trace metals basis

L4000
Lanthanum(III) oxide
≥99.9%

L4000

Lanthanum(III) oxide
≥99.9%

634271
Lanthanum(III) oxide
nanopowder, <100 nm particle size (TEM), 99% trace metals basis

575208
Lanthanum(III) sulfate
≥99.99% trace metals basis

430609
Lanthanum(III) trifluoromethanesulfonate
99.999% trace metals basis

396117
Lead
shot, <2 mm, 99.9% trace metals basis

695912
Lead
shot, 1-3 mm, 99.995% trace metals basis

1.12067
Lead
fine powder 99+

11536
Lead(II,IV) oxide
≥96%

467863
Lead(II) acetate trihydrate
≥99.99% trace metals basis

215902
Lead(II) acetate trihydrate
ACS reagent, ≥99%

401684
Lead(II) acetylacetonate
technical grade

398853
Lead(II) bromide
99.999% trace metals basis

211141
Lead(II) bromide
≥98%

336378
Lead(II) carbonate
ACS reagent

449865
Lead(II) chloride
AnhydroBeads™, −10 mesh, 99.999%

268690
Lead(II) chloride
powder, 98%

203572
Lead(II) chloride
99.999% trace metals basis

236152
Lead(II) fluoride
powder, ≥99%

229725
Lead(II) fluoride
99.99% trace metals basis

211168
Lead(II) iodide
99%

203602
Lead(II) iodide
99.999% trace metals basis

228621
Lead(II) nitrate
ACS reagent, ≥99.0%

203610
Lead(II) oxide
99.999% trace metals basis

211907
Lead(II) oxide
powder, <10 µm, *ReagentPlus*®, ≥99.9% trace metals basis

402982
Lead(II) oxide
ACS reagent, ≥99.0%

307734
Lead(II) sulfate
98%

254258
Lead(II) sulfate
99.995% trace metals basis

401579
Lead(II) tetrafluoroborate solution
50 wt. % in H_2O

518131
Lead(IV) oxide
99.998% trace metals basis

213233
Lithium chloride
ReagentPlus®, 99%

308315
Lithium hexafluoroarsenate(V)
98%

450227
Lithium hexafluorophosphate
battery grade, ≥99.99% trace metals basis

223816
Lithium iodide hydrate
98%

400904
Lithium molybdate
99.9% trace metals basis

254290
Lithium niobate
99.9% trace metals basis

213241
Lithium sulfide

99.98% trace metals basis

17324
Lithium tetrakis(pentafluorophenyl)borate ethyl etherate

203661
Lutetium (III) oxide
99.99% trace metals basis

289191
Lutetium (III) oxide
99.9% trace metals basis

325783
Lutetium(III) acetate hydrate
99.9% trace metals basis

450960
Lutetium(III) chloride
anhydrous, powder, 99.99% trace metals basis

542075
Lutetium(III) chloride hexahydrate
≥99.99% trace metals basis

542067
Lutetium(III) nitrate hydrate
99.999% trace metals basis

436429
Lutetium(III) nitrate hydrate
99.9% trace metals basis

405345
Lutetium(III) trifluoromethanesulfonate
98%

228648
Magnesium acetate tetrahydrate
ACS reagent, ≥98%

677396
Magnesium aluminate, spinel
nanopowder, <50 nm particle size (BET)

753424
Magnesium bis(trifluoromethanesulfonimide)

63107
Magnesium oxide
tested according to Ph. Eur., heavy

203718
Magnesium oxide
99.99% trace metals basis

13138
Magnesium oxide
puriss., meets analytical specification of Ph. Eur., BP, USP, FCC, E 530, light, 98.0-100.5% (calc. for dried substance)

243388
Magnesium oxide
ACS reagent, 97%

634646
Magnesium oxide
(single crystal substrate), ≥99.9% trace metals basis, <100>, L × W × thickness 10 mm × 10 mm × 0.5 mm

342793
Magnesium oxide
≥99% trace metals basis, -325 mesh

208094
Magnesium sulfate
anhydrous, reagent grade, ≥97%

230391
Magnesium sulfate heptahydrate
ACS reagent, ≥98%

266167
Manganese
chips, thickness <2.0 mm, 99%

245267
Manganese(0) carbonyl
98%

328146
Manganese(II) chloride
beads, 98%

8.05930

Manganese(II) chloride
for synthesis

529680
Manganese(II) chloride hydrate
99.999% trace metals basis

13220
Manganese(II) chloride monohydrate
≥97.0%

8.43487
Manganese(II)acetate tetrahydrate
for synthesis

M2284
Manganese(III) acetylacetonate
technical grade

680265
Mercury(I) nitrate dihydrate
reagent grade, ≥97%

176109
Mercury(II) acetate
ACS reagent, ≥98.0%

200085
Mercury(II) bromide
ACS reagent

M1136
Mercury(II) chloride
ReagentPlus®, 99%

215465
Mercury(II) chloride
ACS reagent, ≥99.5%

221090
Mercury(II) iodide
ACS reagent, ≥99.0%

83374
Mercury(II) thiocyanate
purum p.a., ≥95.5% (complexometric)

M4128

Mercury(II) thiocyanate
96.5-103.5% (titration)

736627
Mesitylcopper(I)

709182
Molybdenum boride
powder, −325 mesh, 99.5% trace metals basis

208353
Molybdenum(V) chloride
95%

M0753
Molybdenum(VI) oxide
ReagentPlus®, ≥99.5%

267856
Molybdenum(VI) oxide
ACS reagent, ≥99.5%

577766
Molybdenumhexacarbonyl
≥99.9% trace metals basis

232084
Molybdic acid
≥85.0% MoO_3 basis, ACS reagent

236063
***N*,*N′*-Bis(salicylidene)ethylenediaminocobalt(II) hydrate**
97%

460877
Neodymium
powder, −40 mesh, ≥99% trace rare earth metals basis

325805
Neodymium(III) acetate hydrate
99.9%

460427
Neodymium(III) acetylacetonate hydrate

449946
Neodymium(III) chloride

anhydrous, powder, ≥99.99% trace metals basis

289183
Neodymium(III) chloride hexahydrate
99.9% trace metals basis

449954
Neodymium(III) fluoride
anhydrous, powder, 99.99% trace metals basis

587109
Neodymium(III) hydroxide
99.995% trace metals basis

289175
Neodymium(III) nitrate hexahydrate
99.9% trace metals basis

1.12276
Neodymium(III) oxide
99+

228656
Neodymium(III) oxide
99.9% trace metals basis

203858
Neodymium(III) oxide
99.99% trace metals basis

634611
Neodymium(III) oxide
nanopowder, <100 nm particle size (BET), 99.9% trace metals basis

325813
Neodymium(III) sulfate hydrate
99.9% trace metals basis

1.12277
Nickel
powder 99+

72262
Nickel (IV) oxide
technical, oxidizing agent, ~30% active peroxide basis

8.43836

Nickel boride
≥98% (ICP)

544183
Nickel carbonate, basic hydrate
99.9% trace metals basis

8.20876
Nickel catalyst
(Produced according to a process of the type developed by Murray Raney, activated for hydrogenation) for synthesis

919640
Nickel catalytic static mixer
316L, diam. × L 6 mm × 150 mm

372641
Nickel phosphide
−100 mesh, 98%

343226
Nickel sulfide
99.7% trace metals basis, −150 mesh

8.06749
Nickel-aluminium alloy
(powder) for the production of Raney nickel for synthesis

72225
Nickel(II) acetate tetrahydrate
purum p.a., ≥99.0% (KT)

244066
Nickel(II) acetate tetrahydrate
98%

283657
Nickel(II) acetylacetonate
95%

217891
Nickel(II) bromide
98%

459674
Nickel(II) bromide 2-methoxyethyl ether complex

406341

Nickel(II) bromide ethylene glycol dimethyl ether complex
97%

233730
Nickel(II) bromide hydrate
98%

72243
Nickel(II) bromide trihydrate
98% (AT)

339709
Nickel(II) hexafluoroacetylacetonate hydrate
98%

400777
Nickel(II) iodide
powder

244074
Nickel(II) nitrate hexahydrate
crystals

1.12285
Niobium(V) chloride
98+

12806
***O*-(Benzotriazol-1-yl)-*N,N,N′,N′*-tetramethyluronium tetrafluoroborate**
≥97.0% (N)

348694
Palladium
wire, diam. 0.5 mm, 99.9% trace metals basis

686468
Palladium
nanopowder, <25 nm particle size (TEM), ≥99.5%

919705
Palladium catalytic static mixer
316L, diam. × L 6 mm × 150 mm

674133
Palladium nanoparticles entrapped in aluminum hydroxide matrix
0.5 wt. % loading

919667
Palladium nickel catalytic static mixer
316L, diam. × L 6 mm × 150 mm

919713
Palladium on alumina catalytic static mixer
316L, diam. × L 6 mm × 150 mm

237523
Palladium on barium carbonate
reduced, extent of labeling: 5 wt. % loading

908134
Palladium on calcium carbonate
Evonik Noblyst® P8059 5% Pd

520829
Palladium on carbon
extent of labeling: 10 wt. % loading (dry basis), matrix carbon powder, wet support

330116
Palladium on carbon
extent of labeling: 5 wt. % loading (dry basis), matrix activated carbon, wet support, Degussa type E101 NO/W

8.18056
Palladium(II) acetate (47% Pd)
for synthesis

8.07110
Palladium(II) chloride (59% Pd)
anhydrous, for synthesis

8.14573
Palladium(II) nitrate dihydrate (40% Pd)
for synthesis

8.07107
Palladium(II) oxide (85% Pd)
hydrogenation catalyst for synthesis

8.07104
Palladium/charcoal activated (10% Pd)
hydrogenation catalyst (oxidic form) for synthesis

327611
Pentacarbonylchlororhenium(I)
98%

496863
Pentakis(dimethylamino)tantalum(V)
99.99%

04004
Phosphorus, red
≥97.0%

685453
Platinum
nanopowder, <50 nm particle size (TEM)

771937
Platinum
nanopowder, 200 nm particle size (SEM), 99.9% (metals basis)

520780
Platinum black
fuel cell grade, ≥99.9% trace metals basis

520799
Platinum black
low bulk density, ≥99.9% trace metals basis

205915
Platinum black
black, powder, ≤20 µm, ≥99.95% trace metals basis

919675
Platinum catalytic static mixer
316L, diam. × L 6 mm × 150 mm

919691
Platinum on alumina catalytic static mixer
316L, diam. × L 6 mm × 150 mm

8.24566
Platinum(II) chloride (73% Pt)
for synthesis

8.07347
Platinum(IV) chloride (57.5% Pt)
anhydrous, for synthesis

236497
Potassium acetate
ACS reagent, ≥99.0%

243418
Potassium bromide
ACS reagent, ≥99.0%

347825
Potassium carbonate
reagent grade, ≥98%, powder, −325 mesh

310263
Potassium carbonate
ReagentPlus®, 99%

12902
Potassium hexacyanocobaltate(III)
≥97.0%

12639
Potassium hexacyanoferrate(II) trihydrate
purum, ≥99%

P3289
Potassium hexacyanoferrate(II) trihydrate
ACS reagent, 98.5-102.0%

244023
Potassium hexacyanoferrate(III)
ACS reagent, ≥99.0%

238007
Potassium hexafluoroantimonate(V)
99%

308382
Potassium hexafluorotitanate(IV)

221945
Potassium iodide
ACS reagent, ≥99.0%

217654
Potassium manganate

431052
Potassium metavanadate
98%

308390
Potassium molybdate
98%

223425
Potassium oxalate monohydrate
ACS reagent, 99%

229806
Potassium phosphate monobasic
99.99% trace metals basis

462799
Potassium stannate trihydrate
99.9% trace metals basis

415154
Potassium tetracyanonickelate(II) hydrate

466689
Potassium tetraphenylborate
97%

14007
Potassium titanium oxide oxalate dihydrate

205176
Praseodymium(III,IV) oxide
99.9% trace metals basis

298298
Praseodymium(III) chloride
anhydrous, powder, 99.99% trace metals basis

205141
Praseodymium(III) chloride hydrate
99.9% trace metals basis

205133
Praseodymium(III) nitrate hexahydrate

99.9% trace metals basis

183687
Reinecke salt
ACS reagent, ≥93.0%

160938
Resolve-Al™ EuFOD
99%

309184
Rhenium(III) chloride

342254
Rhenium(IV) oxide
99.7% trace metals basis

309192
Rhenium(V) chloride

515736
Rhenium(VII) oxide
99.995% trace metals basis

261955
Rhenium(VII) oxide
≥99.9% trace metals basis

919683
Ruthenium on alumina catalytic static mixer
316L, diam. × L 6 mm × 150 mm

261203
Samarium
−40 mesh, 99% trace rare earth metals basis

409340
Samarium(II) iodide
anhydrous, powder, ≥99.9% trace metals basis

325872
Samarium(III) acetate hydrate
99.9% trace metals basis

517666
Samarium(III) acetylacetonate hydrate

≥99.9% trace metals basis

400610
Samarium(III) chloride
anhydrous, powder, 99.9% trace rare earth metals basis

248800
Samarium(III) chloride hexahydrate
≥99%

248800
Samarium(III) chloride hexahydrate
≥99%

298123
Samarium(III) nitrate hexahydrate
99.9% trace metals basis

518247
Samarium(III) nitrate hexahydrate
99.999% trace metals basis

228672
Samarium(III) oxide
99.9% trace metals basis

1.12321
Samarium(III) oxide
99+

325899
Scandium(III) acetate hydrate
99.9% trace metals basis

451266
Scandium(III) chloride
anhydrous, powder, 99.99% trace metals basis

409359
Scandium(III) chloride
anhydrous, powder, 99.9% trace metals basis

307858
Scandium(III) chloride hydrate
99.9%

432105
Scandium(III) fluoride

anhydrous, powder, 99.99% trace metals basis

410128
Scandium(III) isopropoxide

307874
Scandium(III) oxide
99.9% trace rare earth metals basis

294020
Scandium(III) oxide
powder, 99.995% trace rare earth metals basis

418218
Scandium(III) triflate
99%

483354
Scandium(III) triflate
99.995% trace metals basis

209651
Selenium
powder, −100 mesh, ≥99.5% trace metals basis

8.18881
Silver tetrafluoroborate
for synthesis

8.14325
Silver trifluoromethanesulfonate
for synthesis

S7400
Sodium (meta)arsenite
≥90%

13404
Sodium aluminate
technical

A6756
Sodium arsenate dibasic heptahydrate
≥98.0%

383139
Sodium bismuthate
ACS reagent

220345
Sodium bromide
ReagentPlus®, ≥99%

222321
Sodium carbonate
ACS reagent, anhydrous, ≥99.5%, powder or granules

185086
Sodium cyanate
96%

230049
Sodium hexafluoroaluminate
99.98% trace metals basis

305499
Sodium hexafluoroaluminate
97%

237981
Sodium hexafluoroantimonate(V)
technical grade

208965
Sodium hexafluoroferrate(III)

233722
Sodium hexanitrocobaltate(III)
ACS reagent

401307
Sodium metatitanate
−200 mesh

72060
Sodium metavanadate
≥98.0% (RT)

590088
Sodium metavanadate
anhydrous, 99.9% trace metals basis

243655
Sodium molybdate

≥98%

M1651
Sodium molybdate dihydrate
≥99.5%, suitable for plant cell culture

M1003
Sodium molybdate dihydrate
≥99.5%

331058
Sodium molybdate dihydrate
ACS reagent, ≥99%

480967
Sodium molybdate dihydrate
99.99% trace metals basis

228710
Sodium nitroferricyanide(III) dihydrate
ACS reagent, ≥99%

450243
Sodium orthovanadate
99.98% trace metals basis

645613
Sodium oxide
80%

410241
Sodium perchlorate
ACS reagent, ≥98.0%

P6395
Sodium phosphotungstate octadecahydrate

336262
Sodium stannate trihydrate
95%

238597
Sodium sulfate
ACS reagent, ≥99.0%, anhydrous, powder

208043
Sodium sulfide nonahydrate
ACS reagent, ≥98.0%

451584
Sodium tetrachloroaluminate
anhydrous, powder, 99.99% trace metals basis

481483
Sodium tetraethylborate
97%

8.43877
Sodium tetrafluoroborate
for synthesis

72016
Sodium tetrakis(4-fluorophenyl)borate dihydrate
≥97.0% (NT)

294128
Sodium tetrakis(4-fluorophenyl)borate dihydrate
98%

762377
Sodium trifluoromethanesulfonimide
97%

415138
Strontium oxide
99.9% trace metals basis

517011
Strontium titanate
nanopowder, <100 nm particle size, 99% trace metals basis

396141
Strontium titanate
powder, 99%

634689
Strontium titanate
single crystal substrate, <100>

692824
Tantalum
powder, 60-100 mesh, 99.9%

1.12349
Tantalum powder

98+

280801
Tantalum(IV) carbide
≤5 µm

510688
Tantalum(V) chloride
anhydrous, powder, 99.999% trace metals basis

317004
Tantalum(V) fluoride
98%

204536
Tantalum(V) oxide
<20 µm, 99.99% trace metals basis

303518
Tantalum(V) oxide
99% trace metals basis

1.12356
Tellurium dioxide
99.5+

204579
Terbium(III,IV) oxide
99.999% trace metals basis

253952
Terbium(III,IV) oxide
99.9% trace metals basis

325929
Terbium(III) acetate hydrate
99.9% trace metals basis

484008
Terbium(III) acetylacetonate hydrate
99.9% trace metals basis

451304
Terbium(III) chloride
anhydrous, powder, 99.99% trace metals basis

439657
Terbium(III) chloride

anhydrous, powder, 99.9% trace metals basis

204560
Terbium(III) chloride hexahydrate
99.999% trace metals basis

212903
Terbium(III) chloride hexahydrate
99.9% trace metals basis

217212
Terbium(III) nitrate hexahydrate
99.999% trace metals basis

325945
Terbium(III) nitrate pentahydrate
99.9% trace metals basis

590509
Terbium(III) oxide
99.99% trace metals basis

325953
Terbium(III) sulfate octahydrate
99.9% trace metals basis

8.18320
Tetra-tert-butyl orthotitanate
for synthesis

193119
Tetrabutylammonium bromide
ReagentPlus®, ≥99.0%

8.21083
Tetraethyl orthotitanate
for synthesis

725544
Tetrakis(ethylmethylamido)hafnium(IV)
packaged for use in deposition systems

725528
Tetrakis(ethylmethylamido)zirconium(IV)
packaged for use in deposition systems

T25305
Tetraphenylarsonium(V) chloride hydrate

97%

14765
Thallium(I) acetate
purum, ≥97.0%

T8266
Thallium(I) acetate
≥99%

336270
Thallium(I) bromide
AnhydroBeads™, −10 mesh, 99.999% trace metals basis

333212
Thallium(I) carbonate
99.9% trace metals basis

224898
Thallium(I) chloride
99%

229962
Thallium(I) chloride
99.999% trace metals basis

155349
Thallium(I) cyclopentadienide
97%

310042
Thallium(I) formate
97%

204625
Thallium(I) sulfate
99.99% trace metals basis

163015
Thallium(III) nitrate trihydrate

214744
Thallium(III) oxide
99%

367702

Thulium(III) acetate hydrate
99.9% trace metals basis

325988
Thulium(III) carbonate hydrate
99.99%

439649
Thulium(III) chloride
anhydrous, powder, 99.9% trace metals basis

204668
Thulium(III) chloride hexahydrate
99.99% trace metals basis

325996
Thulium(III) nitrate pentahydrate
powder or crystals, 99.9%

204676
Thulium(III) oxide
99.99% trace metals basis

289167
Thulium(III) oxide
99.9% trace metals basis

243434
Tin
granular, 0.425-2.0 mm particle size, ≥99.5%, ACS reagent

217697
Tin
99.8%, shot, 3 mm

345164
Tin(II) acetate

204722
Tin(II) chloride
≥99.99% trace metals basis

452335
Tin(II) chloride
anhydrous, powder, ≥99.99% trace metals basis

431508
Tin(II) chloride dihydrate

≥99.99% trace metals basis

474762
Tin(II) chloride dihydrate
≥99.97% trace metals basis

243523
Tin(II) chloride dihydrate
ACS reagent, 98%

334626
Tin(II) fluoride
99%

402761
Tin(II) oxalate
98%

244635
Tin(II) sulfate
≥95%

1.12416
Tin(II) sulfate
LAB

215961
Tin(IV) bromide
99%

208930
Tin(IV) chloride
98%

217913
Tin(IV) chloride
99.995% trace metals basis

244678
Tin(IV) chloride pentahydrate
98%

333476
Tin(IV) fluoride

1.12379
Titanium

fine powder 98+

1.12384
Titanium hydride
fine powder 98+

641731
Titanium silicon oxide
nanopowder, <50 nm particle size (BET), 99.8% trace metals basis

697079
Titanium tetrachloride
packaged for use in deposition systems

209279
Titanium(II) hydride
−325 mesh, 98%

399817
Titanium(III) fluoride

481033
Titanium(III) oxide
−100 mesh, 99.9% trace metals basis

388165
Titanium(IV) bis(ammonium lactato)dihydroxide solution
50 wt. % in H_2O

307793
Titanium(IV) bromide
98%

208566
Titanium(IV) chloride
ReagentPlus®, 99.9% trace metals basis

494143
Titanium(IV) diisopropoxidebis(2,2,6,6-tetramethyl-3,5-heptanedionate)
99.99%

333239
Titanium(IV) fluoride

224227
Titanium(IV) oxide, rutile
powder, <5 µm, ≥99.9% trace metals basis

204730
Titanium(IV) oxide, rutile
99.995% trace metals basis

204757
Titanium(IV) oxide, rutile
≥99.98% trace metals basis

330833
Titanium(IV) oxyacetylacetonate
90%

14023
Titanium(IV) oxysulfate
≥29% Ti (as TiO_2) basis, technical

495379
Titanium(IV) oxysulfate solution
~15 wt. % in dilute sulfuric acid, 99.99% trace metals basis

333492
Titanium(IV) sulfide
powder, -200 mesh, 99.9%

272744
Triethoxyarsine
97%

381411
Triirondodecacarbonyl
contains 1-10% methyl alcohol

T81809
Triphenylantimony(III)
99%

135097
Triphenylantimony(V) dichloride
99%

T81906
Triphenylarsine
97%

115894
Triphenylarsine oxide
97%

524514
Tris[*N*,*N*-bis(trimethylsilyl)amide]yttrium

524522
Tris(butylcyclopentadienyl)yttrium(III)
99.9% trace metals basis

521280
Tris(diethylamido)(*tert*-butylimido)tantalum(V)
99%, ≥99.99% trace metals basis

1.12406
Tungsten
fine powder 99+

241431
Tungsten hexacarbonyl
97%

472956
Tungsten hexacarbonyl
99.99% trace metals basis (excluding Mo), purified by sublimation

263974
Tungsten(IV) chloride
95%

400505
Tungsten(IV) oxide
−100 mesh, 99.99% trace metals basis

243639
Tungsten(IV) sulfide
powder, 2 µm, 99%

241911
Tungsten(VI) chloride
≥99.9% trace metals basis

265012
Tungsten(VI) oxychloride
98%

422371
Vanadium(II) chloride
85%

227110
Vanadium(III) acetylacetonate
97%

208272
Vanadium(III) chloride
97%

1.12393
Vanadium(III) chloride
99+

395382
Vanadium(III) chloride tetrahydrofuran complex (1:3)
97%

215988
Vanadium(III) oxide
98%

463744
Vanadium(III) oxide
99.99% trace metals basis

215821
Vanadium(IV) oxide
≥99% trace metals basis

204862
Vanadium(IV) oxide sulfate hydrate
≥99.99% trace metals basis

233706
Vanadium(IV) oxide sulfate hydrate
97%

223794
Vanadium(V) oxide
≥98%

221899
Vanadium(V) oxide
≥99.6% trace metals basis

204854
Vanadium(V) oxide
99.95% trace metals basis

200891
Vanadium(V) oxychloride
99%

94735
Vanadyl acetylacetonate
purum, ≥97.0% (RT)

466069
Ytterbium
powder, ≥99.9% trace rare earth metals basis

1.12410
Ytterbium oxide
≥99%

494372
Ytterbium(II) iodide
powder, ≥99.9% trace metals basis

544973
Ytterbium(III) acetate hydrate
99.95% trace metals basis

326011
Ytterbium(III) acetate tetrahydrate
99.9% trace metals basis

450073
Ytterbium(III) chloride
AnhydroBeads™, −10 mesh, 99.99% trace metals basis

439614
Ytterbium(III) chloride
anhydrous, powder, 99.9%

337927
Ytterbium(III) chloride hexahydrate
99.9% trace metals basis

204870
Ytterbium(III) chloride hexahydrate
99.998% trace metals basis

432121
Ytterbium(III) fluoride

anhydrous, powder, 99.98% trace metals basis

217220
Ytterbium(III) nitrate pentahydrate
99.999%

209147
Ytterbium(III) nitrate pentahydrate
99.9% trace metals basis

637300
Ytterbium(III) oxide
nanopowder, <100 nm particle size (BET), ≥99.7% trace metals basis

204889
Ytterbium(III) oxide
99.99% trace metals basis

246999
Ytterbium(III) oxide
99.9% trace metals basis

430595
Ytterbium(III) trifluoromethanesulfonate
99.99%

405329
Ytterbium(III) trifluoromethanesulfonate hydrate
Yb 25-28 % (approx.)

326046
Yttrium(III) acetate hydrate
99.9% metals basis

510661
Yttrium(III) butoxide solution
0.5 M in toluene, ≥99.9% trace metals basis

451363
Yttrium(III) chloride
anhydrous, powder, 99.99% trace metals basis

1.12516
Yttrium(III) nitrate hexahydrate
99+

425745
Yttrium(III) trifluoromethanesulfonate

98%

665916
Yttrium(III) tris(isopropoxide)

215481
Zinc
mossy, ≥99%

266353
Zinc
pieces, 2-14 mesh, 99.9% trace metals basis

243469
Zinc
granular, 20-30 mesh, ACS reagent, ≥99.8%

96454
Zinc
purum, powder

31653
Zinc
puriss. p.a., ACS reagent, reag. ISO, reag. Ph. Eur., ≥99.9%, granular

565148
Zinc
granular, 30-100 mesh, 99%

209988
Zinc
dust, <10 µm, ≥98%

383317
Zinc acetate
99.99% trace metals basis

383058
Zinc acetate dihydrate
ACS reagent, ≥98%

Z0625
Zinc acetate dihydrate
reagent grade

96459
Zinc acetate dihydrate
puriss. p.a., ACS reagent, ≥99.0% (KT)

25044
Zinc acetate dihydrate
puriss., E 650, 99-102%

480991
Zinc acetylacetonate hydrate
99.995% trace metals basis

132306
Zinc acetylacetonate hydrate

417696
Zinc bis[bis(trimethylsilyl)amide]
97%

451398
Zinc bromide
AnhydroBeads™, −10 mesh, 99.999% trace metals basis

230022
Zinc bromide
99.999% trace metals basis

229997
Zinc chloride
99.999% trace metals basis

450111
Zinc chloride
AnhydroBeads™, amorphous, −10 mesh, 99.99% trace metals basis

456845
Zinc chloride
AnhydroBeads™, amorphous, −10 mesh, 99.999% trace metals basis

208086
Zinc chloride
reagent grade, ≥98%

746355
Zinc chloride
anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥97%

211273
Zinc chloride

ACS reagent, ≥97%

720755
Zinc di[bis(trifluoromethylsulfonyl)imide]
95%

329711
Zinc dimethyldithiocarbamate
97%

466360
Zinc iodide
anhydrous, powder, 99.999% trace metals basis

230014
Zinc iodide
≥99.99% trace metals basis

223883
Zinc iodide
≥98%

481424
Zinc peroxide
50-60%

587583
Zinc phosphate
99.998% trace metals basis

04502
Zinc phosphide
≥19% active phoshor (P) basis, powder

26423
Zinc stearate
purum, 10-12% Zn basis

221376
Zinc sulfate heptahydrate
ACS reagent, 99%

333271
Zinc sulfide
pieces, 3-12 mm, 99.9% trace metals basis

14459
Zinc sulfide

purum, 97% (from Zn)

244627
Zinc sulfide
powder, 10 µm, 99.99% trace metals basis

333875
Zinc tetrafluoroborate hydrate

290068
Zinc trifluoromethanesulfonate
98%

CDS000589
Zinc(II) dibutyldithiocarbamate
Aldrich^{CPR}

208558
Zirconium(II) hydride
−325 mesh, 99%

338001
Zirconium(IV) acetylacetonate
97%

14616
Zirconium(IV) carbonate basic
≥40% ZrO_2 basis

357405
Zirconium(IV) chloride
≥99.9% trace metals basis

221880
Zirconium(IV) chloride
≥99.5% trace metals basis

647640
Zirconium(IV) chloride
anhydrous, powder, 99.99% trace metals basis

395420
Zirconium(IV) chloride tetrahydrofuran complex (1:2)
99%

311464

Zirconium(IV) fluoride
99.9% trace metals basis

464236
Zirconium(IV) hydrogenphosphate

643122
Zirconium(IV) oxide
nanoparticles, dispersion, <100 nm particle size (BET), 5 wt. % in H_2O

643025
Zirconium(IV) oxide
nanoparticles, dispersion, <100 nm particle size (BET), 10 wt. % in H_2O

204994
Zirconium(IV) oxide
99.99% trace metals basis (purity excludes ~2% HfO_2)

544760
Zirconium(IV) oxide
nanopowder, <100 nm particle size (TEM)

230693
Zirconium(IV) oxide
powder, 5 µm, 99% trace metals basis

NHC Ligands & Complexes

We are pleased to offer a diverse portfolio of N-heterocyclic carbene (NHC) ligands and NHC complexes for use in organometallic chemistry and catalysis chemistry applications. NHC-based organocatalysis has become very useful for finding alternative synthetic pathways to target molecules that were previously difficult to produce.

NHC ancillary ligands are preferable due to their ability to:

- mediate an incredible breadth of transformations
- provide robust stability of metal centers
- bind to any transition metal in high or low oxidation states and to main group elements
- are more active in many reactions than related phosphine catalysts
- can be readily modified to incorporate chirality, immobilization, and H_2O solubility

Our wide range of stable NHC ligands exhibit high activity and selectivity with good stability and tolerance in various important organic transformations when combined with metal pre-catalysts.

- NHC imidazolidine ligands with sterically encumbering groups such as mesityl, isopropyl, and adamantyl are widely used in arylation reactions, Sonogashira reactions, and ring-closing metathesis (RCM) reactions.
- NHC triazolium ligands have been found useful for many synthetic reactions, such as intermolecular homodimerization reactions, intramolecular Stetter reactions, oxidative Michael addition reactions, oxidative amidation or azidation, asymmetric acylation, crossed acyloin condensations, Domino ring-opening redox amidation, Knoevenagel condensation, Claisen rearrangement, Lewis acid- and N-heterocyclic carbene-catalyzed cyclo-condensation reactions and enantioselective cyclizations using Bode catalysts.

Our goal is to accelerate your cutting-edge research projects in NHC ligand-mediated chemistry. To this end, we offer a ligand kit composed of a diverse set of sterically-demanding NHC ligands. Discover how our NHC ligands and complexes can make a difference in your coordination chemistry.

RNI00100
(4*R*,4*′R*,5*R*,5*′R*)-2,2*′*-(1-methylethylidene)bis[4,5-dihydro-4,5-diphenyl)oxazole
Aldrich[CPR]

708542
(5*R*,6*S*)-2-Mesityl-5,6-diphenyl-6,8-dihydro-5*H*-[1,2,4]triazolo[3,4-*c*][1,4]oxazin-2-ium tetrafluoroborate
97%

665029
1-(1-Adamantyl)-3-(2,4,6-trimethylphenyl)imidazolinium chloride

656623
1,3-Bis-(2,6-diisopropylphenyl)imidazolinium chloride
97%

673188
1,3-Bis(1-adamanthyl)benzimidazolium chloride
95%

660035
1,3-Bis(1-adamantyl)imidazolium tetrafluoroborate
97%

696188
1,3-Bis(2,4,6-trimethylphenyl)-1,3-dihydro-2*H*-imidazol-2-ylidene
97%

715417
1,3-Bis(2,4,6-trimethylphenyl)-4,5-dihydroimidazol-2-ylidene

656631
1,3-Bis(2,4,6-trimethylphenyl)imidazolinium chloride
95%

574066
1,3-Bis(2,4,6-trimethylphenyl)imidazolium chloride

914096
1,3-Bis(2,6-di(3-pentyl)phenyl)imidazolium chloride
≥95%

693553
1,3-Bis(2,6-diisopropylphenyl)-4,5-dihydroimidazolium tetrafluoroborate
95%

574074
1,3-Bis(2,6-diisopropylphenyl)imidazolium chloride
97%

659983
1,3-Di-*tert*-butylimidazolium tetrafluoroborate
97%

673404
1,3-Dicyclohexylbenzimidazolium chloride
95%

756369
1,3-Dicyclohexylimidazolium chloride

666181
1,3-Dicyclohexylimidazolium tetrafluoroborate salt
97%

656577
1,3-Diisopropylimidazolium chloride
97%

660019
1,3-Diisopropylimidazolium tetrafluoroborate
96%

668400
1,3-Dimethylimidazolium-2-carboxylate
technical grade, ≥80%

904848
2-Chloro-1,3-bis(2,6-diisopropylphenyl)imidazolium chloride
≥95%

688487
2-Mesityl-2,5,6,7-tetrahydropyrrolo[2,1-*c*][1,2,4]triazol-4-ium chloride
97%

682209
2-Mesityl-5-methylimidazo[1,5-*a*]pyridinium chloride
97%

930202
3-(2,4,6-Trimethylbenzyl)-1-(2,6-diisopropylphenyl)-4,5-dimethylimidazolium chloride
≥95%

930040
3-Benzyl-1-(2,6-diisopropylphenyl)-4,5-dimethylimidazolium chloride
≥95%

683701
6,7-Dihydro-2-pentafluorophenyl-5*H*-pyrrolo[2,1-*c*]-1,2,4-triazolium tetrafluoroborate
97%

924245
Deoxazole
≥95%

915653
IPr$^{\#}$ HCl

929514
ItHept HCl
≥95%

929298
ItOct HCl
≥95.0%

929506
ItOct-bimy HCl
≥95%

915912
Np$^{\#}$ HCl

912778
sBOX(*i*Pr)
≥95%

912255
sBOX(*t*Bu)
≥95%

928666
SItHept HCl
≥95.0%

929492
SItOct HCl
≥95%

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