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
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
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
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

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Технические характеристики на гликоконъюгаты, биохимикаты и реагенты высокой чистоты, липиды компании Sigma-Aldrich

Виды товаров: гликоконъюгаты, биохимические реагенты, проверенные на микроэлементы, жирные кислоты насыщенные, ненасыщенные и омега- жирные кислоты, Глицериды, триглицериды, нейтральные глицериды, Неглицеридные липиды, стероиды, жирные спирты, терпены, бактериальные липиды, желчные кислоты, биоактивные липиды, флуоресцентные липиды и природные липиды, кардиолипины, сфинголипиды, фосфолипиды, фосфоглицериды, катионные липиды, дейтерированные липиды, клик-реагенты, стабильные изотопы, липидные экстракты, датчики СОЭ для стимулирования исследований и др.

Glycoconjugates

Glycoconjugates consist of carbohydrates, or glycans, linked to a protein, lipid, peptide, and other compounds. Glycoconjugates are formed by glycosylation and are involved in various biological processes in organisms. Glycobiology research studies the structure and activity of carbohydrates and glycoconjugates in relation to human health. Understanding how disorders in these processes lead to severe diseases is also relevant to molecular and cellular biology, proteomics, and medicine.

We offer a comprehensive portfolio of glycoconjugates including glycolipids, glycoproteins, and lipopolysaccharides for all your research needs, including extraction, characterization, formulation, chemical/enzymatic modifications involving non-conventional media or activation modes. Discover drug targets for infectious diseases, inflammation, and cancer; develop new potential vaccines against cancer, viral and bacterial infections, and other diseases; and explore other potential uses of glycoconjugates as therapeutics.

67576
(2*S*,3*S*,4*R*)-1-*O*-(α-D-Galactosyl)-N-hexacosanoyl-2-amino-1,3,4-octadecanetriol
≥95% (TLC)

0859-BM
(3`-suLN)3`LN-C3-biot

0955-BM
(Galβ)2-3,4GN-C3-biot

0932-BM
(Glcα4)3β-Gly-biot

0931-BM
(Glcα4)4β-Gly-biot

0959-BM

(Glcα6)3β-Gly-biot

0854D-BM
(GlcAβ3GlcNAcβ4)$_{13}$-sp6-biot

0057-BM
(GlcNAcβ4)$_2$-C3-biot

0057A-BM
(GlcNAcβ4)$_2$-Gly-biot

0982-BM
(GlcNAcβ4)3-Gly-biot

0099-BM
(GN)$_2$-3,6GalNAcα-C3-biot

0808-BM
(GN)$_2$-4,6GalNAcα-C3-biot

0809-BM
(GN)$_3$-3,4,6GalNAcα-C3-biot

0867-BM
(LN)$_2$-3`,6`LN-C2-biot

0073-BM
(Neu5Acα)$_3$-C3-biot

SMB00406
2-Azidoethyl 2-acetamido-2-deoxy-β-D-galactopyranoside
≥95% (HPLC)

SMB00412
2-Azidoethyl LacNAc
≥90% (HPLC)

0034-BM
3-suGalβ-C3-biot

0769-BM
3-suGalNAcα-C3-biot

0952-BM
3-suGalNAcβ-C3-biot

0941-BM
3-suGlcNAcβ-C3-biot

0067A-BM
3′-suLN-C2-biot

0065-BM
3`-suLe^{a}-C3-biot

0068-BM
3`-suLe^{c}-C3-biot

0066-BM
3`-suLe^{x}-C3-biot

0092-BM
3`-suTF-C3-biot

0882-BM
3`,4`-su$_{2}$LN-C3-biot

0881-BM
3`,6-su$_{2}$LN-C3-biot

0880-BM
3`,6,6`-su$_{3}$LN-C2-biot

0886-BM
3`,6`-su2LN-C2-biot

0036-BM
3`SLN-C3-biot

0837-BM
4-suGalβ-C3-biot

0778-BM
4-suGalNAcα-C3-biot

0953-BM
4-suGalNAcβ-C3-biot

0921-BM
4-suGlcNAcβ-C2-biot

0936-BM
4`-suLacdiNAc-C3-biot

0909A-BM
4`-suLN-C2-biot

0935-BM
4`,6`-su2LacdiNAc-C3-biot

0918A-BM
4`,6`-su2LN-C2-biot

0762-BM
6-suGalβ-C3-biot

0998-BM
6-suGalNAcα-C3-biot

0064-BM
6-suGlcNAcβ-C3-biot

0093A-BM
6-suLacdiNAc-C3-biot

0822A-BM
6-suLe^{c}-C3-biot

0077A-BM
6-suLN-C2-biot

0020-BM
6-suSiaLex-C3-biot

0789-BM
6-suTF-C3-biot

0901-BM
6,6`-su2Lac-C2-biot

0883-BM
6,6`-su2LN-C2-biot

0934-BM
6`-su(3-Ac)LacdiNAc-C3-biot

0937-BM
6`-suLacdiNAc-C3-biot

0840-BM
6`-suLec-C2-biot

0090A-BM
6`-suLN-C2-biot

0017-BM
6`-suSiaLex-C3-biot

0997-BM
6`SLN-C3-biot

0925-BM
6`SLN3`LN-C3-biot

0885-BM
6P-Glcβ-Gly-biot

0026-BM
6P-Manα-C3-biot

112251
α_1-Acid Glycoprotein, Human Plasma

362199

α_2-HS-Glycoprotein, Human Plasma

SMB00413
α-GalNAc-PEG3-Alkyne
≥95% (HPLC)

SMB00392
α-GalNAc-PEG3-Azide
≥95%

PHL89220
α-Hederin
phyproof® Reference Substance

SMB00415
α-Man-PEG3-Alkyne
≥95% (HPLC)

SMB00403
α-Man-PEG3-Azide
≥95% (HPLC)

G3643
α_1-Acid Glycoprotein from bovine plasma
≥99%

G9885
α_1-Acid Glycoprotein from human plasma
≥99% (agarose gel electrophoresis)

G0516
α_2-hs-Glycoprotein from human plasma
≥90% (SDS-PAGE), lyophilized powder

0087-BM
A_{di}-C3-biot

0000-BM
Aminoglucitol-biot

A6005
Amygdalin
≥99% (HPLC), from apricot kernels

10050
Amygdalin
BioXtra, ≥97.0% (HPLC)

PHL89559
Amygdalin
phyproof® Reference Substance

ABN1469
Anti-Alpha-2-HS-Glycoprotein
from rabbit, purified by affinity chromatography

G3018
Asialoganglioside GM_1 from bovine brain
~98%, lyophilized powder

0085-BM
A_{tri}-C3-biot

0860-BM
A_{tri}3GalNAcα-C3-biot

0721-BM
A_{tri}3GalNAcβ-C3-biot

0816-BM
A_{tri}3GlcNAcβ-C3-biot

0006-BM
A_{tri}4GlcNAcβ-C3-biot

362225
$β_2$-Glycoprotein 1, Human Plasma

SMB00393
β-GalNAc-PEG3-Azide
≥95% (HPLC)

SMB00394
β-GlcNAc-PEG3-Azide
≥95%

G9173
β2-Glycoprotein I from human plasma

0086-BM
B_{tri}-C3-biot

0086A-BM
B_{tri}-long-biot

0848-BM
Btri3GalNAcα-C3-biot

0849-BM
B_{tri}3GalNAcβ-C3-biot

0847-BM
Btri3GlcNAcβ-C3-biot

0007-BM
B_{tri}4GlcNAcβ-C3-biot

SRP0573
CD44, FC Fusion
recombinant, expressed in HEK 293 cells

SRP0534
CD44, FC Fusion, Biotin Labeled
recombinant, expressed in HEK 293 cells

30030
Cymarin
≥96% (HPLC)

D4651
Digalactosyl diglyceride
≥93% (TLC), from whole wheat flour, lyophilized powder

D6003
Digoxin
analytical standard

04599
Digoxin
certified reference material, *Trace***CERT**®, Manufactured by: Sigma-Aldrich Production GmbH, Switzerland

PHR1771
Digoxin
Pharmaceutical Secondary Standard; Certified Reference Material

G2392
Disialoganglioside GD_{1a} from bovine brain
≥95% (TLC), lyophilized powder

G8146
Disialoganglioside GD_{1b} from bovine brain
~95%, lyophilized powder

G0776
Disialoganglioside-GD_2 from bovine brain
~95%, lyophilized powder, semisynthetic

SML2492
Engeletin
≥98% (HPLC)

E9530
Erythropoietin from mouse
recombinant, expressed in NSO cells, ≥90% (SDS-PAGE), lyophilized powder, suitable for cell culture

E8905
Erythropoietin from rat
recombinant, expressed in insect cells, suitable for cell culture

H5166
Erythropoietin human
EPO, recombinant, expressed in HEK 293 cells, suitable for cell culture

SRP3283
FETUIN A human
recombinant, expressed in HEK 293 cells, ≥95% (SDS-PAGE), ≥95% (HPLC)

F3004
Fetuin from fetal bovine serum
lyophilized powder

0828-BM
Fucα2(3-su)Galβ-C3-biot

0042-BM
Fucα2`Le^c-C3-biot

0089-BM
Fucα2`LN-C3-biot

0059-BM
Fucα2`TF-C3-biot

0091-BM
Fucα2Galβ-C3-biot

0080-BM
Fucα2Galβ3GalNAcβ-C3-biot

0049-BM
Fucα3GlcNAcβ-C3-biot

0044-BM
Fucα3LN-C3-biot

0050-BM
Fucα4GlcNAcβ-C3-biot

0040-BM
Fucα4Lec-C3-biot

0799-BM
Fucβ-Gly-biot

0745-BM
Fucβ2`(Fucα3)LN-C3-biot

0607-BM
Fucβ2`Lec-C3-biot

0740-BM
Fucβ2`LN-C3-biot

0874-BM
Fucβ3LN-C3-biot

0015-BM
Gal4GlcNAcβ-C3-biot

0023-BM

Galα-C3-biot

0055-BM
Galα2Galβ-C3-biot

0966-BM
Galα3`Leβ-C3-biot

0009-BM
Galα3`Lex-C3-biot

0968-BM
Galα3`Ley-C3-biot

0070-BM
Galα3`LN-C3-biot

0857-BM
Galα3`LN3Galβ-C3-biot

0053-BM
Galα3GalNAcα-C3-biot

0038-BM
Galα3GalNAcβ-C3-biot

0852-BM
Galα3GlcNAcβ-C3-biot

0037-BM
Galα4`Lac-C2-biot

0991-BM
Gala4GalNAcα-C3-biot

0015A-BM
Galα4GlcNAcβ-PEG6-biot

0008-BM

Galaα`LN-C3-biot

C4905
Galactocerebrosides from bovine brain
≥97% (TLC)

0024-BM
Galβ-C3-biot

0024A-BM
Galβ-Gly-biot

0076-BM
Galβ2Galβ-C3-biot

0865A-BM
Galβ3`LN-C3-biot

0039-BM
Galβ3Galβ-C3-biot

0056-BM
Galβ3GalNAcβ-C3-biot

0773-BM
Galβ3GalNGcα-C3-biot

0755-BM
GalNAcα3`Lex-C3-biot

0967-BM
GalNAcα3`Ley-C3-biot

0747-BM
GalNAcα3`LN-C3-biot

0052-BM
GalNAcα3GalNAcα-C3-biot

0051-BM
GalNAcα3GalNAcβ-C3-biot

0800-BM

GalNAcα4Galβ-C3-biot

0922-BM
GalNAcα4GalNAcα-C3-biot

0810-BM
GalNAcβ3(Fucα2)Galβ-C3-biot

0805-BM
GalNAcβ3`(Fucα2`)LN-C3-biot

0748-BM
GalNAcβ3`LN-C3-biot

0095-BM
GalNAcβ3GalNAcβ-C3-biot

0770-BM
GalNGcβ-C3-biot

345736
Ganglioside GD_{1a}, Disialo, Diammonium Salt, Bovine Brain
Useful as a differentiation marker of tumor cell growth.

345743
Ganglioside GD_2, Disialo, Human Brain
Ganglioside GD_2, Disialo, Human Brain, CAS 65988-71-8, is a highly purified sialic acid-containing glycolipids that is useful as markers of various cell types and antigens.

345724
Ganglioside GM_1, Ammonium Salt, Bovine Brain
Monosialoganglioside extracted from bovine brain.

345747
Ganglioside GM_1, Asialo, Human Brain
Gangliosides are highly purified sialic acid-containing glycolipids that are useful as markers of various cell types and antigens.

345733-M
Ganglioside GM_3, Monosialo, Ammonium Salt, Bovine Milk
Contains mainly N-acetylneuraminic acid.

345748
Ganglioside GM_4, Monosialo, Human Brain
Gangliosides are highly purified sialic acid-containing glycolipids that are useful as markers of various cell types and antigens.

345754
Ganglioside GQ_{1b}, Tetrasialo, Tetraammonium Salt, Bovine Brain
Ganglioside GQ1b enhances spontaneous IgG, IgM, and IgA production in human peripheral monocytic cells.

345744
Ganglioside GT_{1b}, Trisialo, Triammonium Salt, Bovine Brain
Inhibits Con A-stimulated mitogenesis in murine T cells.

345836
Genistin
An isoflavone glycoside found in soy-based food products.

SML1572
Gentiopicroside
≥98% (HPLC)

SMB00416
Gentiopicroside
≥98% (HPLC)

PHL89512
Gentiopicroside
phyproof® Reference Substance

64107
Gitoxin
≥99% (HPLC)

0021-BM
Glcα-C3-biot

0019-BM
Glcα4Glcβ-C3-biot

0012-BM
GlcAβ-C3-biot

0976-BM
GlcAβ3Galβ-C3-biot

0978-BM
GlcAβ6Galβ-C3-biot

0022-BM
Glcβ-C3-biot

0602-BM
Glcβ3GalNAcβ-C3-biot

0600-BM
Glcβ3GlcNAcβ-C3-biot

0013-BM
Glcβ4GalNAcα-C3-biot

0902-BM
Glcβ6Glcβ-Gly-biot

0728-BM
GlcNAc-C3-biot

0864A-BM
GlcNAcα3`LN-C2-biot

0864-BM
GlcNAcα3`LN-C3-biot

0724-BM
GlcNAcα3GalNAcβ-C3-biot

0029A-BM
GlcNAcβ-C2-biot

0029-BM
GlcNAcβ-C3-biot

0029D-BM
GlcNAcβ-Gly-biot

0011-BM
GlcNAcβ2`TF-C3-biot

0605-BM
GlcNAcβ2Galb-β3-biot

0958-BM
GlcNAcβ3`LN-C2-biot

0958A-BM
GlcNAcβ3`LN-C3-biot

0075-BM
GlcNAcβ3`TF-C3-biot

0097-BM
GlcNAcβ3GalNAcα-C3-biot

0887A-BM
GlcNAcβ4`LN-C3-biot

0608-BM
GlcNAcβ4Galβ-C3-biot

0071-BM
GlcNAcβ4GalNAcα-C3-biot

0973-BM
GlcNAcβ4Mura-Gly-biot

0972-BM
GlcNAcβ4Murb-Gly-biot

0098-BM
GlcNAcβ6GalNAcα-C3-biot

0078-BM
GlcNAcβ6TF-C3-biot

362339
Glyco-SNAP-2
A water-soluble nitric oxide (NO) donor that exhibits greater stability (t1/2 = 27 hours) than that of SNAP.

0855-BM
GN4(6-su)GN-C3-biot

SAE0071

HIV-1 GP120 protein
recombinant, expressed in HEK 293 cells

I9274
Invertase from baker's yeast (*S. cerevisiae*)
200-300 units/mg solid

I0408
Invertase Glycoprotein Standard
BioReagent, from *Saccharomyces cerevisiae*, for proteomics

SML1853
Kaempferitrin
≥97% (NMR)

79851
Kaempferol 3-β-D-glucopyranoside
≥97.0% (HPLC)

04500585
Kaempferol 3-glucoside
primary reference standard

PHL89237
Kaempferol 3-glucoside
phyproof® Reference Substance

90242
Kaempferol 3-*O*-β -rutinoside
≥98.0% (HPLC)

0738-BM
L-Araα-Gly-biot

0027-BM
L-Fucα-C3-biot

0609-BM
L-Glcβ-Gly-biot

0028-BM
L-Rhaα-C3-biot

0726-BM
L-RhaαGly-biot

0046A-BM
Lac-C2-biot

0001-BM
LacdiNAc-C3-biot

0041-BM
Le^{b}-C3-biot

0043-BM
Le^{c}-C3-biot

0815-BM
Le^{c}3`Le^{c}-C2-biot

0815A-BM
Lec3`Lec-C3-biot

0813-BM
Lec3`LN-C3-biot

0786-BM
Lec3GalNAcα-C3-biot

0842-BM
Le^{c}6`LN-C2-biot

0814-BM
Le^{c}a3`LN-C3-biot

0045-BM
Le^{y}-C3-biot

PHL80822
Linarin
phyproof® Reference Substance

L2018

Lipopolysaccharides from *Escherichia coli* K-235
purified by gel-filtration chromatography

L3024
Lipopolysaccharides from *Escherichia coli* O111:B4
purified by ion-exchange chromatography, TLR ligand tested

L4391
Lipopolysaccharides from *Escherichia coli* O111:B4
γ-irradiated, BioXtra, suitable for cell culture

L2630
Lipopolysaccharides from *Escherichia coli* O111:B4
purified by phenol extraction

L3012
Lipopolysaccharides from *Escherichia coli* O111:B4
purified by gel-filtration chromatography

L3023
Lipopolysaccharides from *Escherichia coli* O111:B4
Detoxified

L5293
Lipopolysaccharides from *Escherichia coli* O111:B4
Ready Made solution, 1 mg/mL

L5668
Lipopolysaccharides from *Escherichia coli* O127:B8
Ready Made solution, 1 mg/mL

L3137
Lipopolysaccharides from *Escherichia coli* O127:B8
purified by gel-filtration chromatography

L5024
Lipopolysaccharides from *Escherichia coli* O127:B8
purified by ion-exchange chromatography, TLR ligand tested

L4516
Lipopolysaccharides from *Escherichia coli* O127:B8
suitable for cell culture, BioXtra, γ-irradiated

L2887
Lipopolysaccharides from *Escherichia coli* O128:B12
purified by gel-filtration chromatography

L2654
Lipopolysaccharides from *Escherichia coli* O26:B6
γ-irradiated, BioXtra, suitable for cell culture

L2762
Lipopolysaccharides from *Escherichia coli* O26:B6
purified by gel-filtration chromatography
L5543
Lipopolysaccharides from *Escherichia coli* O26:B6
Ready Made solution, 1 mg/mL, 0.2 µm filtered

L4524
Lipopolysaccharides from *Escherichia coli* O55:B5
purified by ion-exchange chromatography, TLR ligand tested

L6529
Lipopolysaccharides from *Escherichia coli* O55:B5
γ-irradiated, BioXtra, suitable for cell culture

L2637
Lipopolysaccharides from *Escherichia coli* O55:B5
purified by gel-filtration chromatography

L5418
Lipopolysaccharides from *Escherichia coli* O55:B5
Ready Made solution, 1 mg/mL

L4268
Lipopolysaccharides from *Klebsiella pneumoniae*
purified by phenol extraction

SMB00704
Lipopolysaccharides from *Proteus mirabilis*
purified by phenol extraction

SMB00801
Lipopolysaccharides from *Proteus vulgaris*
purified by phenol extraction

L8643
Lipopolysaccharides from *Pseudomonas aeruginosa* 10
purified by gel-filtration chromatography

L7018
Lipopolysaccharides from *Pseudomonas aeruginosa* 10
purified by trichloroacetic acid extraction

L9143

Lipopolysaccharides from *Pseudomonas aeruginosa* 10
purified by phenol extraction

L4774
Lipopolysaccharides from *Salmonella enterica* serotype enteritidis
purified by ion-exchange chromatography

L2012
Lipopolysaccharides from *Salmonella enterica* serotype enteritidis
purified by gel-filtration chromatography

L6011
Lipopolysaccharides from *Salmonella enterica* serotype enteritidis
purified by phenol extraction

L7770
Lipopolysaccharides from *Salmonella enterica* serotype enteritidis
γ-irradiated, BioXtra, suitable for cell culture

L6261
Lipopolysaccharides from *Salmonella enterica* serotype minnesota
purified by phenol extraction

L2137
Lipopolysaccharides from *Salmonella enterica* serotype minnesota
purified by gel-filtration chromatography

L2262
Lipopolysaccharides from *Salmonella enterica* serotype typhimurium
purified by gel-filtration chromatography

L6143
Lipopolysaccharides from *Salmonella enterica* serotype typhimurium
suitable for cell culture, BioXtra, γ-irradiated

L6386
Lipopolysaccharides from *Salmonella typhosa*
purified by phenol extraction

L2387
Lipopolysaccharides from *Salmonella typhosa*
purified by gel-filtration chromatography

L7895
Lipopolysaccharides from *Salmonella typhosa*
γ-irradiated, BioXtra, suitable for cell culture

L6136

Lipopolysaccharides from *Serratia marcescens*
purified by phenol extraction

0047D-BM
LN-C2-biot

0047-BM
LN-C3-biot

0866-BM
LN3`(GN6`)LN-C2-biot

0082-BM
LN3`Lac-Gly-biot

0870-BM
LN3`LN-C2-biot

0870A-BM
LN3`LN-C3-biot

0079-BM
LN3`LN3`LN-C3-biot

0995-BM
LN3GalNAcα-C3-biot

0871-BM
LN6`LN-C2-biot

0996-BM
LN6GalNAcα-C3-biot

0980-BM
LN6TF-C3-biot

G5660
Lysoganglioside-GM_1 from bovine brain
≥95%, lyophilized powder

0884-BM
M_5β-Gly-biot

0025A-BM
Manα-C3-biot

0946-BM
Manα4Manβ-Gly-biot

0014-BM
Manβ-Gly-biot

G7641
Monosialoganglioside G_{M1} from bovine brain
≥95%, lyophilized powder

G8397
Monosialoganglioside G_{M2} from bovine brain
≥95% (TLC)

G5642
Monosialoganglioside GM_3 from canine blood
≥98%, lyophilized powder

M3895
Mucin from bovine submaxillary glands
Type I-S

M1778
Mucin from porcine stomach
Type III, bound sialic acid 0.5-1.5 %, partially purified powder

499643
Mucin, Bovine Submaxillary Gland
Native mucin from bovine submaxillary gland. It is a rich source of O-linked oligosaccharide chains and it is suitable as a substrate for neuraminidase.

M4199
Myelin Oligodendrocyte Glycoprotein (40-54), Rat, Mouse
lyophilized powder

M5063
Myelin-Associated Glycoprotein/Fc Chimera from rat
>95% (SDS-PAGE), recombinant, expressed in NSO cells, lyophilized powder

0035A-BM
Neu5Acα-BnGly-biot

0035-BM
Neu5Acα-C3-biot

0823-BM
Neu5Acα3`(2-suFucα3)(6-su)LN-C3-biot

0949-BM
Neu5Acα3`(6-su)Lec-C3-biot

0951-BM
Neu5Acα3`(6-su)LN-C3-biot

0763-BM
Neu5Acα3`(6,6`-su2)LN-C3-biot

0785-BM
Neu5Acα3`(6`-su)TF-C3-biot

0835A-BM
Neu5Acα3`(GalNAcβ4`)Lac-Gly-biot

0060-BM
Neu5Acα3`Lac-Gly-biot

0054-BM
Neu5Acα3`Le^{c}-C3-biot

0096-BM
Neu5Acα3`TF-C3-biot

0083-BM
Neu5Acα3Galβ-C3-biot

0993-BM
Neu5Acα3GalNAcα-C3-biot

0908-BM
Neu5Acα6`(6-su)LN-C3-biot

0757-BM
Neu5Acα6`(Fucα2`)LN-C3-biot

0063A-BM
Neu5Acα6`Lac-C2-biot

0084-BM
Neu5Acα6Galβ-C3-biot

0977-BM
Neu5Aca6Tαα-C3-biot

0984-BM
Neu5Acα6TF-C3-biot

0058-BM
Neu5Acα6Tn-C3-biot

0016-BM
Neu5Acβ-BnGly-biot

0907-BM
Neu5Acβ6`LN-C3-biot

0986-BM
Neu5Acβ6GalNAcα-C3-biot

0985-BM
Neu5Acβ6TF-C3-biot

0018-BM
Neu5Gcα-C3-biot

0730-BM
Neu5Gcα3`(6-su)Le^{c}-C3-biot

0731-BM
Neu5Gcα3`(6-su)LN-C3-biot

0956-BM
Neu5Gcα3`LN-C3-biot

0709-BM
Neu5Gcα3Galβ-C3-biot

0872-BM
Neu5Gcβ6`LN-C3-biot

PHL89744
Oleandrin
phyproof® Reference Substance

SMB00288
Peptidoglycan from *Bacillus subtilis*
≤1.00 EU/mg Endotoxin

69554
Peptidoglycan from *Bacillus subtilis*

77140
Peptidoglycan from *Staphylococcus aureus*
cell wall component

P9256
Psychosine from bovine brain
lyophilized powder, ≥98% (TLC)

75759
Quercetin 3-*O*-α-L-arabinopyranoside
≥95% (HPLC)

SMB00547
Quercetin 3,4′-diglucoside
≥85% (LC/MS-UV)

Q3001
Quercitrin hydrate
≥78%

PHL80067
Rebaudioside A
phyproof® Reference Substance

PHR2697
Rebaudioside A
certified reference material, pharmaceutical secondary standard

01432
Rebaudioside A
≥96% (HPLC)

PHL82396
Rebaudioside B
phyproof® Reference Substance

PHL82397
Rebaudioside C
phyproof® Reference Substance

PHL82398
Rebaudioside D
phyproof® Reference Substance

41458
Rebaudioside E
≥90.0% (HPLC)

PHL85642
Rebaudioside F
phyproof® Reference Substance

PHL85768
Rebaudioside I
phyproof® Reference Substance

PHL85769
Rebaudioside J
phyproof® Reference Substance

PHL84146
Rebaudioside M
phyproof® Reference Substance

74632
Rebaudioside M
≥95.0% (HPLC)

PHL83218
Rebaudioside N
phyproof® Reference Substance

41883
Rebaudioside N
≥95.0% (HPLC)

R1153

RNase B Glycoprotein Standard from bovine pancreas
Proteomics Grade

SAE1000
SARS-CoV-2 Receptor Binding Domain
Spike protein RBD recombinant, expressed in HEK 293 cells

0061-BM
SiaLe^{a}-C3-biot

0062-BM
SiaLe^{x}-C3-biot

S3572
Stevioside hydrate
≥98% (HPLC)

AG733
Tamm-Horsfall Glycoprotein

0048-BM
TF-C3-biot

SMB00166
Thevetin A
≥90% (LC/MS-ELSD)

G3767
Trisialoganglioside-GT$_{1b}$ from bovine brain
lyophilized powder, ≥96% (TLC)

PHL85782
Violanthin
phyproof® Reference Substance

SMB00557
Violanthin
≥90% (LC/MS-UV)

0736-BM
Xylβ-Gly-biot

High-Purity Biochemicals and Reagents

High-Purity Biochemicals and Reagents
Request More Information

BIOULTRA, BIOXTRA AND BIOPERFORMANCE CERTIFIED - BIOCHEMICAL REAGENTS

Biochemicals used as reagents for biological research must be of high purity to ensure reliable experimental results. Our premium grades of biochemicals, BioUltra and BioXtra grades are the right choice for research requiring biochemicals that are free or low in trace elements (metals). These premium grades biochemicals are extensively tested for:

- Metallic and non-metallic trace elements with ICP-MS (Inductively Coupled Plasma Mass Spectrometry) or ICP-OES (Inductively Coupled Plasma Optical Emission Spectroscopy). Other general tests include appearance, solubility, insoluble matter, UV, pH, IR, molecular composition (GC, HPLC, TLC, NMR).
- Also tested for Bio-active evaluation that are free of - Nuclease, Protease, Nickase, Phosphatase and low of endotoxin levels.

BioPerformance Certified grade biochemicals are tested for critical life science applications, such as cell culture, molecular biology, and diagnostics. They are tested for DNase, RNase, Protease, Nickase, cellular toxicity, and endotoxin levels.

BIOULTRA: TRACE ELEMENTS TESTED BIOCHEMICALS

The BioUltra grade of biochemistry reagents undergo more rigorous testing of well-defined purity standards to meet the stringent requirements of particularly sensitive molecular biology applications, including nucleic acid studies, protein expression, transformation/transfection, electrophoresis, PCR, buffer solutions and pre-mixed formulations.

BIOOXTRA: TRACE ELEMENTS TESTED BIOCHEMICALS

The BioXtra grade of metal-free biochemicals and research reagents is subjected to stringent purity testing as well as specialized suitability testing to ensure low level impurities for cell culture applications, such as immunoassays, protein purification, transformations, and chromatography.

BIOPERFOMANS CERTIFIED

Tested and pre-qualified for use in multiple life science applications such as molecular biology, cell culture, and/or electrophoresis.

11140
(+)-Sodium L-ascorbate
BioXtra, ≥99.0% (NT)

M2172
1-Thioglycerol
BioXtra, ≥97%

14470
1,4-Bis(acryloyl)piperazine
BioXtra, suitable for electrophoresis, ≥99.0% (TLC)

D9680
1,4-Dithioerythritol
BioXtra, ≥99.0%

43794
1,4-Dithioerythritol
≥99.0% (RT), BioUltra

88571
1,6-Hexanediol solution
BioUltra, ~6 M in H_2O

08578
2-Amino-2-methyl-1-propanol
BioUltra, ≥99.0% (GC)

A9199
2-Amino-2-methyl-1-propanol
BioXtra, ≥95%

08569
2-Amino-2-methyl-1,3-propanediol
BioUltra, ≥99.5% (NT)

D3179
2-Deoxy-D-glucose
≥98% (GC), BioXtra

63689

2-Mercaptoethanol
BioUltra, for molecular biology, ≥99.0% (GC)

58448
2-Methyl-1-propanol
BioUltra, for molecular biology, ≥99.5% (GC)

59304
2-Propanol
BioUltra, for molecular biology, ≥99.5% (GC)

P5338
3-(2-Pyridyl)-5,6-diphenyl-1,2,4-triazine-4′,4′′-disulfonic acid sodium salt
BioXtra

17236
3-(Benzyldimethylammonio)propanesulfonate
BioXtra, ≥99.0% (HPCE)

T0807
3-(*N*,*N*-Dimethylmyristylammonio)propanesulfonate
≥99% (TLC), BioXtra

I7018
3-Isobutyl-1-methylxanthine
BioUltra, ≥99%

04499
4-Ethylmorpholine
BioXtra, suitable for protein sequencing, ≥99.5% (GC)

67869
4-Methylmorpholine
BioXtra, suitable for protein sequencing, ≥99.5% (GC)

A1287
5-Azacytidine
Hybri-Max™, γ-irradiated, lyophilized powder, BioXtra, suitable for hybridoma

B9285
5-Bromo-2′-deoxyuridine
BioUltra, ≥99%

S7422

5-Sulfosalicylic acid dihydrate
BioXtra, ≥99.0%

A7824
6-Aminocaproic acid
BioUltra, ≥99%

76183
6-O-Palmitoyl-L-ascorbic acid
BioXtra, ≥99.0% (RT)

A4660
6-Thioguanine
Hybri-Max™, 50 ×, γ-irradiated, lyophilized powder, BioXtra, suitable for hybridoma

G6750
α-D-Glucose 1-phosphate dipotassium salt hydrate
≥99% (HPLC), BioXtra

K2010
α-Ketoglutaric acid sodium salt
BioUltra

L8783
α-Lactose monohydrate
≥99% total lactose basis (GC), BioXtra

M6159
α_2-Macroglobulin from human plasma
BioUltra, ≥98% (SDS-PAGE)

A5539
AAT Media Supplement (50×) Hybri-Max™
γ-irradiated, lyophilized powder, BioXtra, suitable for hybridoma

00194
ACES
BioUltra, ≥99.5% (T)

A3594
ACES
BioPerformance Certified, ≥99.0%, suitable for cell culture

A7949
ACES
BioXtra, ≥99.0% (titration)

A7085
Acetaminophen
BioXtra, ≥99.0%

45726
Acetic acid
for luminescence, BioUltra, ≥99.5% (GC)

00307
ADA
BioUltra, ≥99.0% (T)

A7699
Adenosine 5′-triphosphate disodium salt hydrate
BioXtra, ≥99% (HPLC), from microbial

09582
Adipic acid
BioXtra, ≥99.5% (HPLC)

02240
Adonitol
BioXtra, ≥99.0% (HPLC)

A5159
Aminopterin
Hybri-Max™, 50 ×, γ-irradiated, lyophilized powder, BioXtra, suitable for hybridoma

A7330
Ammonium acetate
BioXtra, ≥98%

09689
Ammonium acetate
BioUltra, for molecular biology, ≥99.0%

09691
Ammonium acetate solution
BioUltra, for molecular biology, ~5 M in H_2O

09830
Ammonium bicarbonate
BioUltra, ≥99.5% (T)

09718
Ammonium chloride
BioUltra, for molecular biology, ≥99.5% (AT)

09833
Ammonium citrate dibasic
BioXtra, ≥99.0% (T)

09735
Ammonium formate
BioUltra, ≥99.0% (calc. based on dry substance, NT)

78314
Ammonium formate solution
BioUltra, 10 M in H_2O

09719
Ammonium iron(II) sulfate hexahydrate
BioUltra, ≥99.0% (RT)

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

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

A7455
Ammonium nitrate
BioXtra, ≥99.5%

09898
Ammonium oxalate monohydrate
BioUltra, ≥99.5% (RT)

09913
Ammonium persulfate
BioUltra, for molecular biology, ≥98.0% (RT)

A7460
Ammonium persulfate
BioXtra, ≥98.0%

09839
Ammonium phosphate dibasic
BioUltra, ≥99.0% (T)

09709

Ammonium phosphate monobasic
BioUltra, ≥99.5% (T)

S4172
Ammonium sodium phosphate dibasic tetrahydrate
BioXtra, ≥99%

A2585
Ammonium sulfamate
BioXtra, ≥98.0%

A2939
Ammonium sulfate
BioXtra, ≥99.0%

09978
Ammonium sulfate
BioUltra, ≥99.0% (T)

09985
Ammonium tartrate dibasic
BioUltra, ≥98% (T)

A9528
Amphotericin B solubilized
powder, γ-irradiated, BioXtra, suitable for cell culture

A8351
Ampicillin sodium salt
BioXtra, suitable for cell culture

10050
Amygdalin
BioXtra, ≥97.0% (HPLC)

T5391
apo-Transferrin human
γ-irradiated, powder, BioXtra, suitable for cell culture, ≥98%

A6103
Aprotinin bovine
recombinant, expressed in *Nicotiana* (tobacco), ≥5 TIU/mg protein, ≥98% (SDS-PAGE)

A6106
Aprotinin from bovine lung
BioUltra, 3-8 TIU/mg solid, ≥98% (SDS-PAGE)

A7422

AT Media Supplement (50×) Hybri-Max™
γ-irradiated, lyophilized powder, BioXtra, suitable for hybridoma

A9275
Avidin from egg white
BioUltra, lyophilized powder, ≥10 units/mg protein (E1%/280), ≥98% (SDS-PAGE)

A1164
Azaserine
Hybri-Max™, γ-irradiated, 50x, lyophilized powder, BioXtra, suitable for hybridoma

A9666
Azaserine-Hypoxanthine 50x
Hybri-Max™, γ-irradiated, lyophilized powder, BioXtra, suitable for hybridoma

05159
β-Alanine
BioUltra, ≥99.0% (NT)

05160
β-Alanine
BioXtra, ≥99.0% (NT)

C6905
β-Casein from bovine milk
BioUltra, ≥98% (PAGE)

E2257
β-Estradiol
powder, γ-irradiated, suitable for cell culture

G9422
β-Glycerophosphate disodium salt hydrate
BioUltra, suitable for cell culture, suitable for plant cell culture, ≥99% (titration)

N6522
β-Nicotinamide adenine dinucleotide hydrate
BioUltra, ≥98%, from yeast

31995
Barbital
BioXtra, ≥99.0% (T)

B6295
Benzalkonium chloride
BioXtra

53751

Benzethonium chloride
BioUltra, ≥99.0% (AT)

61962
Betaine
BioUltra, ≥99.0% (NT)

B8660
BICINE
BioXtra, ≥99% (titration)

B4429
BIS-TRIS
BioPerformance Certified, suitable for cell culture, suitable for insect cell culture, ≥98.0%

B7535
BIS-TRIS
BioXtra, ≥98.0% (titration)

14879
BIS-TRIS
BioUltra, ≥99.0% (NT)

B9410
BIS-TRIS propane
BioXtra, ≥99.0% (titration)

B4679
BIS-TRIS propane
BioPerformance Certified, suitable for cell culture, ≥99.0%

71997
Borax Anhydrous
BioUltra, anhydrous, ≥99%

B7660
Boric acid
BioXtra, ≥99.5%

15663
Boric acid
BioUltra, for molecular biology, ≥99.5% (T)

A3311
Bovine Serum Albumin
powder, BioXtra

A3156
Bovine Serum Albumin
lyophilized powder, γ-irradiated, Globulin Free, BioXtra, suitable for cell culture

A9576
Bovine Serum Albumin solution
30% in DPBS, sterile-filtered, BioXtra, suitable for cell culture

A8412
Bovine Serum Albumin solution
7.5% in DPBS, sterile-filtered, BioXtra, suitable for cell culture

A7979
Bovine Serum Albumin solution
35% in DPBS, sterile-filtered, BioXtra, suitable for cell culture

B6542
Brefeldin A
≥99% (HPLC and TLC), BioXtra, for molecular biology

C8960
Caffeine
BioXtra

21056
Calcium acetate hydrate
BioUltra, ≥99.0% (calc. on dried material, KT)

21097
Calcium chloride dihydrate
BioUltra, for molecular biology, ≥99.5% (KT)

21097
Calcium chloride dihydrate
BioUltra, for molecular biology, ≥99.5% (KT)

21108
Calcium chloride hexahydrate
BioUltra, ≥99.0% (calc. based on dry substance, KT)

21115
Calcium chloride solution
BioUltra, for molecular biology, ~1 M in H_2O

21134
Calcium formate
BioUltra, ≥99.0% (T)

C4955
Calcium nitrate tetrahydrate
BioXtra, ≥99.0%

P1431
Calmodulin from bovine testes
BioUltra, ≥98% (SDS-PAGE), lyophilized powder, essentially salt free

C6070
CAPS
BioXtra, ≥99%

20966
Cesium chloride
BioUltra, for molecular biology, ≥99.5% (AT)

C3309
Cesium chloride
BioXtra, ≥99.5% (titration)

20989
Cesium fluoride
BioUltra, ≥99.0% (F)

C5070
CHAPS hydrate
BioXtra, ≥98% (TLC)

C4695
CHAPSO
BioXtra

29311
CHES
BioUltra, ≥99.5% (T)

C8210
CHES
BioXtra, ≥99.0% (titration)

26978
Choline chloride
BioUltra, ≥99.0% (AT)

83273
Citrate Concentrated Solution
BioUltra, for molecular biology, 1 M in H_2O

27487
Citric acid
BioUltra, anhydrous, ≥99.5% (T)

C0706
Citric acid monohydrate
BioXtra, ≥99.5%

86524
CM-Dextran sodium salt
BioXtra

C8707
Cystamine dihydrochloride
BioXtra

30078
Cysteamine hydrochloride
BioXtra

C2867
Cytochrome c from equine heart
BioUltra, ≥99% (SDS-PAGE), powder, suitable for mammalian cell culture

G6404
D-(+)-Galactose
BioXtra, ≥99% (HPLC)

G7528
D-(+)-Glucose
≥99.5% (GC), BioXtra

49139
D-(+)-Glucose
BioUltra, anhydrous, ≥99.5% (sum of enantiomers, HPLC)

G8769
D-(+)-Glucose solution
45% in H_2O, sterile-filtered, BioXtra, suitable for cell culture

G8644
D-(+)-Glucose solution
100 g/L in H_2O, sterile-filtered, BioXtra, suitable for cell culture

M9171
D-(+)-Maltose monohydrate
≥99% (HPLC), BioXtra

63418
D-(+)-Maltose monohydrate
BioUltra, ≥99.0% (HPLC)

63579
D-(+)-Mannose
BioUltra, ≥99.5% (sum of enantiomers, HPLC)

R0514
D-(+)-Raffinose pentahydrate
≥99% (HPLC), BioXtra

57668
D-α-Tocopherol polyethylene glycol 1000 succinate
BioXtra, water soluble vitamin E conjugate

95255
D-α-Tocopherol succinate
BioXtra, ≥98.0% (HPLC)

61339
D-Lactose monohydrate
BioUltra, ≥99.5% (HPLC)

L6152
D-Luciferin
synthetic, BioXtra, ≥99% (HPLC)

M9546
D-Mannitol
BioXtra, ≥98% (HPLC)

63559
D-Mannitol
BioUltra, ≥99.0% (sum of enantiomers, HPLC)

S7547
D-Sorbitol
≥98% (GC), BioXtra

85529
D-Sorbitol
BioUltra, ≥99.0% (HPLC)

F2543
D-(−)-Fructose
≥99% (HPLC), BioXtra

47739
D-(−)-Fructose
BioUltra, ≥99.0% (HPLC)

95729
D-(+)-Xylose
BioUltra, ≥99.0% (sum of enantiomers, HPLC)

X3877
D-(+)-Xylose
BioXtra, ≥99% (GC)

D1925
Demecolcine solution
10 µg/mL in HBSS, ACF Qualified, BioXtra

D8893
Dexamethasone
powder, γ-irradiated, BioXtra, suitable for cell culture, ≥80% (HPLC)

31589
Diethanolamine
BioUltra, ≥99.5% (GC)

D2438
Dimethyl sulfoxide
sterile-filtered, BioPerformance Certified, meets EP, USP testing specifications, suitable for hybridoma

41639
Dimethyl sulfoxide
BioUltra, for molecular biology, ≥99.5% (GC)

D0306
DIPSO
BioXtra, pH 4.0-5.5 (20 °C, 0.1 M in H_2O), ≥98% (titration)

D5545
DL-Dithiothreitol
BioXtra, ≥99.0% (titration)

43815
DL-Dithiothreitol
BioUltra, for molecular biology, ≥99.5% (RT)

43816
DL-Dithiothreitol solution
BioUltra, for molecular biology, ~1 M in H_2O

86139
Docusate sodium salt
BioUltra, ≥99.0% (TLC)

D4422
Docusate sodium salt
BioXtra, ≥99%

D5047
Dodecyltrimethylammonium bromide
BioXtra, ~99%

E1894
EPPS
BioXtra, ≥99.5% (titration)

E0276
EPPS
BioPerformance Certified, suitable for cell culture, ≥99.5% (titration)

03747
Ethylene glycol
BioUltra, ≥99.5% (GC)

03819
Ethylene glycol monododecyl ether
BioXtra, ≥99.0% (GC)

03823
Ethylene glycol monohexyl ether
BioXtra, ≥99.0% (GC)

03777
Ethylene glycol-bis(2-aminoethylether)-*N,N,N′,N′*-tetraacetic acid
BioUltra, for molecular biology, ≥99.0% (T)

E0396
Ethylene glycol-bis(2-aminoethylether)-*N,N,N′,N′*-tetraacetic acid
BioXtra, ≥97 .0%

E1521
Ethylenediamine
BioXtra

03609
Ethylenediaminetetraacetic acid
BioUltra, ≥99.0% (KT)

EDS
Ethylenediaminetetraacetic acid
BioUltra, anhydrous, ≥99% (titration)

03659
Ethylenediaminetetraacetic acid dipotassium salt dihydrate
BioUltra, ≥99.0% (KT)

E1644
Ethylenediaminetetraacetic acid disodium salt dihydrate
98.5-101.5%, BioUltra

03677
Ethylenediaminetetraacetic acid disodium salt dihydrate
BioUltra, for molecular biology, ≥99.0% (T)

03690
Ethylenediaminetetraacetic acid disodium salt solution
BioUltra, for molecular biology, pH 8.0, ~0.5 M in H_2O

03699
Ethylenediaminetetraacetic acid tetrasodium salt hydrate
BioUltra, ≥99.0% (KT)

03664
Ethylenediaminetetraacetic acid tripotassium salt dihydrate
BioUltra, ≥99.0% (KT)

03709
Ethylenediaminetetraacetic acid trisodium salt trihydrate
BioUltra

F2637
Ficoll® 400
BioXtra, for molecular biology, lyophilized powder

F8636
Ficoll® 400
lyophilized powder, γ-irradiated, BioXtra, suitable for cell culture

F1418
Ficoll® 400
BioXtra, Type 400-DL, lyophilized powder
Type 400-DL

47612
Folinic acid calcium salt hydrate
BioXtra, ≥99.0% (HPLC)

47671
Formamide
BioUltra, for molecular biology, ≥99.5% (T)

06473
Formic acid solution
BioUltra, 1.0 M in H_2O

A5835
γ-Aminobutyric acid
BioXtra, ≥99%

G9136
Gelatin from porcine skin
Type A, lyophilized powder, γ-irradiated, BioXtra, suitable for cell culture
Type A

49163
Glucose solution
BioUltra, for molecular biology, ~20% in H_2O

50200
Gly-Gly
BioXtra, ≥99.0% (NT)

50199
Gly-Gly
BioUltra, ≥99.5% (NT)

G3915
Gly-Gly
BioPerformance Certified, suitable for cell culture, ≥99%

50239
Gly-Gly-Gly
BioUltra, ≥99.0% (NT)

G7387
Gly-His-Lys acetate salt
BioXtra, γ-irradiated, suitable for cell culture

G6279
Glycerol
BioXtra, ≥99% (GC)

49767
Glycerol
BioUltra, for molecular biology, anhydrous, ≥99.5% (GC)

G7403
Glycine
BioXtra, ≥99% (titration)

50046
Glycine
BioUltra, for molecular biology, ≥99.0% (NT)

G8284
Glycolic acid
BioXtra, ≥98.0% (titration)

50933
Guanidine hydrochloride
BioUltra, for molecular biology, ≥99.5% (AT)

50937
Guanidine hydrochloride solution
BioUltra, ~8 M in H_2O

50980
Guanidine thiocyanate
BioUltra, for molecular biology, ≥99.0% (AT)

50983
Guanidine thiocyanate solution
BioUltra, for molecular biology, ~6 M in H_2O

G6779
Guanine
BioUltra

H0262
HAT Media Supplement (50×) Hybri-Max™
γ-irradiated, lyophilized powder, BioXtra, suitable for hybridoma

51280
Hemin
BioXtra, from Porcine, ≥96.0% (HPLC)

54457
HEPES

BioUltra, for molecular biology, ≥99.5% (T)

H7523
HEPES
BioXtra, pH 5.0-6.5 (1 M in H_2O), ≥99.5% (titration)

H4034
HEPES
BioPerformance Certified, ≥99.5% (titration), suitable for cell culture

H6147
HEPES
BioXtra, suitable for mouse embryo cell culture, ≥99.5% (titration)

H3784
HEPES sodium salt
BioPerformance Certified, suitable for cell culture, ≥99.0%

H3537
HEPES solution
BioPerformance Certified, 1 M, suitable for cell culture, 0.2 µm filtered

H0887
HEPES solution
1 M, pH 7.0-7.6, sterile-filtered, BioReagent, suitable for cell culture

52365
Hexadecyltrimethylammonium bromide
BioUltra, for molecular biology, ≥99.0% (AT)

H9151
Hexadecyltrimethylammonium bromide
BioXtra, ≥99%

68338
Hexylene glycol
BioUltra, ≥99.0% (GC)

M9671
Hexylene glycol
BioXtra, ≥99% (GC)

H0137
HT Media Supplement (50×) Hybri-Max™
lyophilized powder, γ-irradiated, BioXtra, suitable for hybridoma

H0135
Hydrocortisone

γ-irradiated, powder, BioXtra, suitable for cell culture

H6909
Hydrocortisone solution
50 µM, sterile-filtered, BioXtra, suitable for cell culture

56748
Imidazole
BioUltra, for molecular biology, ≥99.5% (GC)

56749
Imidazole
BioUltra, ≥99.5% (GC)

68268
Imidazole buffer Solution
BioUltra, 1 M in H_2O

I0899
Imipramine hydrochloride
BioXtra, ≥99% (TLC)

I1882
Insulin from bovine pancreas
γ-irradiated, BioXtra, suitable for cell culture, potency: ≥20 units/mg (USP units), lyophilized powder

I9278
Insulin solution human
sterile-filtered, BioXtra, suitable for cell culture

I1884
Insulin-transferrin-sodium selenite media supplement
γ-irradiated, lyophilized powder, BioXtra, suitable for cell culture

I1149
Iodoacetamide
BioUltra

M6413
L-(−)-Malic acid
BioXtra, ≥95%

10839
L-(+)-Arabinose
BioUltra, ≥99.5% (sum of enantiomers, HPLC)

L6402
L-(+)-Lactic acid

BioXtra, ≥98% (titration)

05129
L-Alanine
BioUltra, ≥99.5% (NT)

A7469
L-Alanine
from non-animal source, meets EP, USP testing specifications, suitable for cell culture, 98.5-101.0%

11009
L-Arginine
BioUltra, ≥99.5% (NT)

A8094
L-Arginine
from non-animal source, meets EP, USP testing specifications, suitable for cell culture, 98.5-101.0%

11039
L-Arginine monohydrochloride
BioUltra, ≥99.5% (AT)

95209
L-Ascorbic acid
BioUltra, ≥99.5% (RT)

A5960
L-Ascorbic acid
BioXtra, ≥99.0%, crystalline

11189
L-Aspartic acid
BioUltra, ≥99.5% (T)

A8949
L-Aspartic acid
BioXtra, ≥99% (HPLC)

30089
L-Cysteine
BioUltra, ≥98.5% (RT)

30129
L-Cysteine hydrochloride monohydrate
BioUltra, ≥99.0% (RT)

C7602

L-Cystine
from non-animal source, meets EP testing specifications, suitable for cell culture, 98.5-101.0%

49449
L-Glutamic acid
BioUltra, ≥99.5% (NT)

49419
L-Glutamine
BioUltra, ≥99.5% (NT)

G6392
L-Glutamine
γ-irradiated, BioXtra, suitable for cell culture

G7513
L-Glutamine solution
200 mM, solution, sterile-filtered, BioXtra, suitable for cell culture

G6654
L-Glutathione oxidized
BioXtra, ≥98%

G6529
L-Glutathione reduced
BioXtra, ≥98.0%

53319
L-Histidine
BioUltra, ≥99.5% (NT)

H5659
L-Histidine monohydrochloride monohydrate
from non-animal source, meets EP testing specifications, suitable for cell culture, 98.5-101.0%

58879
L-Isoleucine
BioUltra, ≥99.5% (NT)

I7403
L-Isoleucine
from non-animal source, meets EP, JP, USP testing specifications, suitable for cell culture, 98.5-101.0%

61819
L-Leucine
BioUltra, ≥99.5% (NT)

62929

L-Lysine monohydrochloride
BioUltra, ≥99.5% (AT)

64319
L-Methionine
BioUltra, ≥99.5% (NT)

O4386
L-Ornithine monohydrochloride
BioXtra, ≥99%

78019
L-Phenylalanine
BioUltra, ≥99.0% (NT)

P5482
L-Phenylalanine
from non-animal source, meets EP, JP, USP testing specifications, suitable for cell culture, 98.5-101.0%

81709
L-Proline
BioUltra, ≥99.5% (NT)

P5960
L-Pyroglutamic acid
BioXtra

84959
L-Serine
BioUltra, ≥99.5% (NT)

T8441
L-Threonine
from non-animal source, meets EP, JP, USP testing specifications, suitable for cell culture, 99.0-101.0%

89179
L-Threonine
BioXtra, ≥99.5% (NT)

T0397
L-Thyroxine sodium salt pentahydrate
γ-irradiated, powder, BioXtra, suitable for cell culture

T8941
L-Tryptophan
from non-animal source, meets EP, JP, USP testing specifications, suitable for cell culture, 99.0-101.0%

93659
L-Tryptophan
BioUltra, ≥99.5% (NT)

T8566
L-Tyrosine
from non-animal source, meets EP, USP testing specifications, suitable for cell culture, 99.0-101.0%

93829
L-Tyrosine
BioUltra, ≥99.0% (NT)

94619
L-Valine
BioUltra, ≥99.5% (NT)

T1807
L-(+)-Tartaric acid
BioXtra

L9017
Lectin from *Phaseolus vulgaris* (red kidney bean)
Phytohemagglutinin PHA-P, BioXtra, purified by affinity chromatography, lyophilized powder

L5793
Leupeptin
BioUltra, microbial, ≥95% (HPLC)

L4391
Lipopolysaccharides from *Escherichia coli* O111:B4
γ-irradiated, BioXtra, suitable for cell culture

L4516
Lipopolysaccharides from *Escherichia coli* O127:B8
suitable for cell culture, BioXtra, γ-irradiated

L2654
Lipopolysaccharides from *Escherichia coli* O26:B6
γ-irradiated, BioXtra, suitable for cell culture

L6529
Lipopolysaccharides from *Escherichia coli* O55:B5
γ-irradiated, BioXtra, suitable for cell culture

L7770
Lipopolysaccharides from *Salmonella enterica* serotype enteritidis
γ-irradiated, BioXtra, suitable for cell culture

L6143
Lipopolysaccharides from *Salmonella enterica* serotype typhimurium
suitable for cell culture, BioXtra, γ-irradiated

L7895
Lipopolysaccharides from *Salmonella typhosa*
γ-irradiated, BioXtra, suitable for cell culture

62393
Lithium acetate dihydrate
BioUltra, ≥99.0% (anhydrous)

L4158
Lithium acetate dihydrate
BioXtra

L4408
Lithium chloride
BioXtra, ≥99.0% (titration)

62476
Lithium chloride
BioUltra, for molecular biology, anhydrous, ≥99.0% (AT)

62484
Lithium citrate tribasic tetrahydrate
BioUltra, ≥99.5% (NT)

L5901
Lithium dodecyl sulfate
BioXtra, ≥98.5% (GC)

62528
Lithium hydroxide monohydrate
BioUltra, ≥99.0% (T)

L4533
Lithium hydroxide monohydrate
BioXtra, 98.5-101.5% (titration)

62574
Lithium nitrate
BioUltra, ≥99.0% (calc. on dried substances, T)

62612
Lithium sulfate monohydrate
BioUltra, ≥99.0% (T)

L4402
Lysostaphin from *Staphylococcus staphylolyticus*
BioUltra, ≥97% (SDS-PAGE), Protein 40-60 % by biuret, ≥2,000 units/mg protein

L4919
Lysozyme from chicken egg white
BioUltra, lyophilized powder, ≥98% (SDS-PAGE), ≥40,000 units/mg protein

63052
Magnesium acetate solution
BioUltra, for molecular biology, ~1 M in H_2O

M2545
Magnesium acetate tetrahydrate
BioXtra, ≥99%

M5671
Magnesium carbonate hydroxide pentahydrate
BioXtra

00793
Magnesium formate dihydrate
BioXtra, ≥98.0% (RT)

63081
Magnesium hydroxide
BioUltra, ≥99.0% (KT)

M5296
Magnesium nitrate hexahydrate
BioXtra, ≥98%

63084
Magnesium nitrate hexahydrate
BioUltra, ≥99.0% (KT)

63089
Magnesium oxide
BioUltra, ≥97.0% (calcined substance, KT)

M5921
Magnesium sulfate heptahydrate
BioXtra, ≥99.0%

63138
Magnesium sulfate heptahydrate
BioUltra, ≥99.5% (KT)

83266
Magnesium sulfate solution
BioUltra, for molecular biology

63535
Manganese(II) chloride tetrahydrate
BioUltra, for molecular biology, ≥99.0% (KT)

69890
MES hydrate
BioUltra, ≥99.5% (T)

M2933
MES hydrate
BioPerformance Certified, suitable for cell culture, ≥99.5%

M5287
MES hydrate
≥99.5% (titration), pH 2.5-4.0 (0.5 M in H_2O), BioXtra

69889
MES monohydrate
BioUltra, for molecular biology, ≥99.5% (T)

69892
MES monohydrate
BioXtra, ≥99.0% (T)

M3058
MES sodium salt
BioPerformance Certified, suitable for cell culture

76039
MES solution
BioUltra, for molecular biology, 0.5 M in H_2O

M1317
MES solution
suitable for, BioPerformance Certified, 1 M, suitable for cell culture

M6288
meta-Phosphoric acid
BioXtra, ≥33.5%

H6654
Methyl 4-hydroxybenzoate
BioXtra, ≥99.0% (titration)

M1547
Metronidazole
BioXtra

69794
Mineral oil
BioUltra, for molecular biology

M5310
Mineral oil
light oil, suitable for mouse embryo cell culture, BioXtra

G9652
Monosialoganglioside G_{M1} from bovine brain
lyophilized powder, BioXtra, γ-irradiated, ≥95% (TLC)

M5162
MOPS
BioXtra, ≥99.5% (titration)

M3183
MOPS
BioPerformance Certified, suitable for cell culture, ≥99.5% (titration)

69947
MOPS
BioUltra, for molecular biology, ≥99.5% (titration)

M9024
MOPS sodium salt
BioPerformance Certified, suitable for cell culture, ≥99.5%

M1442
MOPS solution
BioPerformance Certified, 1 M, suitable for cell culture

M5914
MOPSO sodium salt
BioXtra, pH 10-12 (1 M in H_2O), ≥99% (titration)

H7154
***N*-(2-Hydroxyethyl)ethylenediamine-*N*,*N*′,*N*′-triacetic acid**
BioXtra, ≥98%

E1769
***N*-(3-Dimethylaminopropyl)-*N*′-ethylcarbodiimide hydrochloride**

BioXtra

A8199
***N*-Acetyl-L-cysteine**
BioXtra, ≥99% (TLC)

D5172
***n*-Dodecyl β-D-maltoside**
BioXtra, ≥98% (GC)

04259
***N*-Ethylmaleimide**
BioUltra, ≥99.0% (HPLC)

E1271
***N*-Ethylmaleimide**
BioXtra, ≥98% (HPLC)

47729
N-Formyl-Met-Leu-Phe
BioXtra, ≥99.0% (TLC)

L5777
***N*-Lauroylsarcosine sodium salt**
BioXtra, ≥97% (TLC)

61743
***N*-Lauroylsarcosine sodium salt**
BioUltra, for molecular biology, ≥99.0% (HPLC)

40234
***N,N*-Dimethyldodecylamine *N*-oxide**
BioXtra, ≥99.0% (NT)

72559
Nitrilotriacetic acid
BioUltra, ≥99.0% (T)

N4014
Nystatin
powder, γ-irradiated, BioXtra, suitable for cell culture

O9882
Octyl β-D-glucopyranoside
BioXtra, ≥98% (GC)

75699
Oxalic acid dihydrate

BioUltra, ≥99.0% (RT)

P5585
Palmitic acid
BioXtra, ≥99%

P0114
Phosphatase, Alkaline from bovine intestinal mucosa
BioUltra, buffered aqueous glycerol solution, ≥5,700 DEA units/mg protein

P5493
Phosphate buffered saline
10× concentrate, BioPerformance Certified, suitable for cell culture

79617
Phosphoric acid
BioUltra, ≥85% (T)

80621
Piperazine
BioUltra, anhydrous, ≥99.0% (T)

80635
PIPES
BioXtra, for molecular biology, ≥99.5% (T)

P8203
PIPES
BioXtra, ≥99% (titration)

P1851
PIPES
BioPerformance Certified, suitable for cell culture

84797
Poly(ethylene glycol)
BioUltra, 2,000

89510
Poly(ethylene glycol)
BioUltra, 8,000

87333
Poly(ethylene glycol)
BioUltra, 600

86101
Poly(ethylene glycol)

BioUltra, 1,500

81188
Poly(ethylene glycol)
BioUltra, 1,000

88440
Poly(ethylene glycol)
BioUltra, 200

81253
Poly(ethylene glycol)
BioUltra, for molecular biology, 6,000

81268
Poly(ethylene glycol)
BioUltra, for molecular biology, 8,000

P4338
Poly(ethylene glycol)
BioXtra, average mol wt 3,350, powder

95172
Poly(ethylene glycol)
BioUltra, 20,000

95904
Poly(ethylene glycol)
BioUltra, 4,000

91893
Poly(ethylene glycol)
BioUltra, 400

81227
Poly(ethylene glycol)
BioUltra, 3,000

90878
Poly(ethylene glycol)
BioUltra, 300

94646
Poly(ethylene glycol)
BioUltra, 35,000

81255

Poly(ethylene glycol)
BioUltra, 6,000

81189
Poly(ethylene glycol)
BioUltra, for molecular biology, 1,000

92897
Poly(ethylene glycol)
BioUltra, 10,000

88276
Poly(ethylene glycol)
BioUltra, 3,350

71578
Poly(ethylene glycol) methyl ether
BioUltra, 500

P8824
Polyanetholesulfonic acid sodium salt
BioUltra

81269
Polyethylene glycol 3000 monodisperse solution
BioUltra, for molecular biology, ~50% in H_2O

76293
Polyethylene glycol solution
BioUltra, for molecular biology, 1,000, ~50% in H_2O

P5708
Potassium acetate
BioXtra, ≥99.0%

60035
Potassium acetate
BioUltra, for molecular biology, ≥99.0% (NT)

95843
Potassium acetate solution
BioUltra, for molecular biology, 5 M in H_2O

60339
Potassium bicarbonate
BioUltra, ≥99.5% (T)

60089

Potassium bromide
BioUltra, ≥99.5% (AT)

P0838
Potassium bromide
BioXtra, ≥99.0%

P5833
Potassium carbonate
BioXtra, ≥99.0%

60108
Potassium carbonate
BioUltra, anhydrous, ≥99.0% (T)

60128
Potassium chloride
BioUltra, for molecular biology, ≥99.5% (AT)

P9333
Potassium chloride
BioXtra, ≥99.0%

60142
Potassium chloride solution
BioUltra, for molecular biology, ~1 M in H_2O

P9327
Potassium chloride solution
0.075 M, sterile-filtered, BioXtra, suitable for cell culture

60238
Potassium fluoride
BioUltra, ≥99.5% (F)

60246
Potassium formate
BioUltra, ≥99.0% (NT)

60279
Potassium hexacyanoferrate(II) trihydrate
BioUltra, ≥99.5% (RT)

60299
Potassium hexacyanoferrate(III)
BioUltra, ≥99.0% (RT)

P1088
Potassium hydrogen phthalate
BioXtra, ≥99.95%

P5958
Potassium hydroxide
BioXtra, ≥85% KOH basis

60399
Potassium iodide
BioUltra, ≥99.5% (AT)

P2963
Potassium iodide
BioXtra, ≥99.0%

P6083
Potassium nitrate
BioXtra, ≥99.0%

P0963
Potassium oxalate monohydrate
BioXtra, ≥98.5%

60353
Potassium phosphate dibasic
anhydrous, for luminescence, for molecular biology, BioUltra, ≥99.0% (T)

60218
Potassium phosphate monobasic
BioUltra, for molecular biology, anhydrous, ≥99.5% (T)

60359
Potassium phthalate monobasic
BioUltra, ≥99.5% (T)

81028
Potassium sodium tartrate solution
BioUltra, 1.5 M in H_2O

60413
Potassium sodium tartrate tetrahydrate
BioUltra, ≥99.5% (NT)

60528
Potassium sulfate
BioUltra, ≥99.0% (AT)

P9458
Potassium sulfate
BioXtra, ≥99.0%

P2713
Potassium thiocyanate
BioXtra, ≥99.0%

73059
Potassium thiocyanate solution
volumetric, 8 M KSCN

P6149
Progesterone
γ-irradiated, BioXtra, suitable for cell culture

P5835
Propyl 4-hydroxybenzoate
BioXtra

P7527
Prostaglandin E_1
powder, γ-irradiated, BioXtra, suitable for cell culture

P6532
Prostaglandin E_2
γ-irradiated, powder, BioXtra, suitable for cell culture

P2308
Proteinase K from *Tritirachium album*
lyophilized powder, BioUltra, ≥30 units/mg protein, for molecular biology

P6024
Putrescine dihydrochloride
γ-irradiated, lyophilized powder, BioXtra, suitable for cell culture

95144
Retinol
BioXtra, ≥97.5% (HPLC), ~3100 U/mg

83913
RNA isolation kit
BioUltra, for molecular biology

83979
Rubidium chloride
BioUltra, for molecular biology, ≥99.0% (AT)

S6047
Saccharin sodium salt hydrate
BioXtra, ≥99%

S5922
Salicylic acid
BioXtra, ≥99.0%

S7672
Sarcosine
BioXtra

71859
Sodium (meta)periodate
BioUltra, ≥99.5% (RT)

63705
Sodium 2-mercaptoethanesulfonate
BioXtra, ≥98.0% (RT)

S7545
Sodium acetate
BioXtra, ≥99.0%

71183
Sodium acetate
anhydrous, BioUltra, for luminescence, for molecular biology, ≥99.0% (NT)

S2404
Sodium acetate buffer solution
BioXtra, pH 7.0±0.05 (25 °C), for molecular biology, 3 M, non-sterile; 0.2 µm filtered

71196
Sodium acetate solution
BioUltra, for molecular biology, ~3 M in H_2O

S7670
Sodium acetate trihydrate
BioXtra, ≥99.0%

71188
Sodium acetate trihydrate
BioUltra, ≥99.5% (NT)

71289

Sodium azide
BioUltra, ≥99.5% (T)

S8032
Sodium azide
BioXtra

71679
Sodium bitartrate monohydrate
BioUltra, ≥99.0% (T)

S4547
Sodium bromide
BioXtra, ≥99.0%

71329
Sodium bromide
BioUltra, ≥99.0% (AT)

C4945
Sodium cacodylate trihydrate
BioXtra, ≥98%

71345
Sodium carbonate
BioUltra, anhydrous, ≥99.5% (calc. on dry substance, T)

S7795
Sodium carbonate
BioXtra, ≥99.0%

S7653
Sodium chloride
BioXtra, ≥99.5% (AT)

71376
Sodium chloride
BioUltra, for molecular biology, ≥99.5% (AT)

S6191
Sodium chloride
BioPerformance Certified, ≥99% (titration), suitable for insect cell culture, suitable for plant cell culture

07982
Sodium chloride physiological solution
BioUltra, tablet

52455

Sodium chloride physiological solution
BioUltra, tablet

S8776
Sodium chloride solution
0.9% in water, BioXtra, suitable for cell culture

71386
Sodium chloride solution
BioUltra, for molecular biology, ~5 M in H_2O

C6445
Sodium cholate hydrate
BioXtra, ≥99%

71497
Sodium citrate monobasic
BioXtra, anhydrous, ≥99.5% (T)

71402
Sodium citrate tribasic dihydrate
BioUltra, for molecular biology

30970
Sodium deoxycholate
BioXtra, ≥98.0% (dry matter, NT)

30968
Sodium deoxycholate monohydrate
BioUltra, ≥99.0% (NT)

D5670
Sodium deoxycholate monohydrate
BioXtra, ≥99.0% (titration)

L7900
Sodium DL-lactate solution
synthetic, syrup, BioXtra, suitable for mouse embryo cell culture, 60 % (w/w)

71725
Sodium dodecyl sulfate
BioUltra, for molecular biology, ≥99.0% (GC)

L6026
Sodium dodecyl sulfate
BioXtra, ≥99.0% (GC)

71736
Sodium dodecyl sulfate solution
BioUltra, for molecular biology, 10% in H_2O

05030
Sodium dodecyl sulfate solution
BioUltra, for molecular biology, 20% in H_2O

71539
Sodium formate
BioUltra, ≥99.0% (NT)

G9910
Sodium glycodeoxycholate
BioXtra, ≥97% (HPLC)

71687
Sodium hydroxide
BioUltra, for luminescence, ≥98.0% (T), pellets

S8045
Sodium hydroxide
BioXtra, ≥98% (acidimetric), pellets (anhydrous)

M4795
Sodium malonate dibasic monohydrate
BioXtra

S8170
Sodium nitrate
BioXtra, ≥99.0%

71755
Sodium nitrate
BioUltra, ≥99.0% (T)

O0136
Sodium oxalate
BioXtra

S6172
Sodium persulfate
BioXtra, ≥99%

71889
Sodium persulfate
BioUltra, ≥99%

S7907
Sodium phosphate dibasic
BioXtra, ≥99.0%

71636
Sodium phosphate dibasic
BioUltra, for molecular biology, ≥99.5% (T)

71643
Sodium phosphate dibasic dihydrate
BioUltra, for molecular biology, ≥99.0% (T)

71645
Sodium phosphate dibasic dihydrate
BioXtra, ≥98.0% (T)

71649
Sodium phosphate dibasic dodecahydrate
BioXtra, ≥99.0% (T)

94046
Sodium phosphate dibasic solution
BioUltra, 0.5 M in H_2O

S5011
Sodium phosphate monobasic
BioPerformance Certified, suitable for cell culture, suitable for insect cell culture, suitable for plant cell culture, ≥99.0% (titration)

S8282
Sodium phosphate monobasic
BioXtra, ≥99.0%

71505
Sodium phosphate monobasic dihydrate
BioUltra, for molecular biology, ≥99.0% (T)

71507
Sodium phosphate monobasic monohydrate
BioXtra, for molecular biology, ≥99.5% (T)

74092
Sodium phosphate monobasic solution
BioUltra, 5 M in H_2O

S7778

Sodium phosphate tribasic dodecahydrate
BioXtra, ≥98.0% (titration)

71501
Sodium pyrophosphate dibasic
BioUltra, ≥99.0% (T)

71515
Sodium pyrophosphate tetrabasic decahydrate
BioUltra, ≥99.5% (T)

S6422
Sodium pyrophosphate tetrabasic decahydrate
BioXtra, 99.0-103.0%

P8574
Sodium pyruvate
BioXtra, ≥99%

P4562
Sodium pyruvate
powder, BioXtra, suitable for mouse embryo cell culture

S8295
Sodium selenate
BioXtra

S9133
Sodium selenite
γ-irradiated, lyophilized powder, BioXtra, suitable for cell culture

S6547
Sodium sulfate
BioXtra, ≥99.0%

71959
Sodium sulfate
BioUltra, anhydrous, ≥99.0% (T)

71969
Sodium sulfate decahydrate
BioUltra, ≥99.0% (calc. on dry substance, T)

71988
Sodium sulfite
BioUltra, anhydrous, ≥98% (RT)

S4672

Sodium sulfite
BioXtra, ≥98%

S4797
Sodium tartrate dibasic dihydrate
BioXtra, ≥99.0%

T0557
Sodium taurodeoxycholate hydrate
BioXtra, ≥97% (TLC)

B3545
Sodium tetraborate decahydrate
BioXtra, ≥99.5%

80518
Sodium thiocyanate solution
BioUltra, 8 M in H_2O

S6672
Sodium thiosulfate pentahydrate
BioXtra, ≥99.5%

S0885
Somatostatin
powder, γ-irradiated, BioXtra, suitable for cell culture

85558
Spermidine
BioUltra, for molecular biology, ≥99.5% (GC)

85578
Spermidine trihydrochloride
BioXtra, ≥99.5% (AT)

85605
Spermine tetrahydrochloride
BioUltra, for molecular biology, ≥99.5% (AT)

S1277
Streptomycin sulfate salt
powder, BioXtra, suitable for mouse embryo cell culture

S3674
Succinic acid
BioXtra, BioRenewable, ≥99.0%

S7903

Sucrose
≥99.5% (GC), BioXtra

84097
Sucrose
BioUltra, for molecular biology, ≥99.5% (HPLC)

84110
Sucrose monolaurate
BioXtra, ≥97.0% (TLC)

S7446
Superoxide Dismutase from bovine erythrocytes
BioUltra, lyophilized powder, ≥4,500 units/mg protein, ≥97% (SDS-PAGE)

T9659
TAPS
BioXtra, ≥99.5% (titration)

T5441
TAPS sodium salt
BioPerformance Certified, suitable for cell culture, ≥99%

86329
Taurine
BioUltra, ≥99.5% (T)

T8691
Taurine
suitable for cell culture, meets USP testing specifications

T9034
Taurocholic acid sodium salt hydrate
BioXtra, ≥95% (HPLC)

86614
Tetraethylammonium chloride
BioUltra, for molecular biology, ≥99.0% (AT)

T3396
Tetraglycol
BioXtra

87718
Tetramethylammonium chloride
BioUltra, for molecular biology, ≥99.0% (AT)

T9326
Thrombin human
BioUltra, recombinant, expressed in HEK 293 cells, aqueous solution, ≥95% (SDS-PAGE)

56250
***trans*-4-Hydroxy-L-proline**
BioXtra, ≥99.0% (NT)

T9159
Trichloroacetic acid
BioXtra, ≥99.0%

91228
Trichloroacetic acid
BioUltra, ≥99.5% (T)

T9784
Tricine
BioXtra, pH 4.0-6.0 (1 M in H_2O), ≥99% (titration)

T2444
Trizma® hydrochloride solution
pH 7.6, BioPerformance Certified, 1 M, suitable for cell culture

T1819
Trizma® hydrochloride solution
pH 7.0, BioPerformance Certified, 1 M, suitable for cell culture

T2569
Trizma® hydrochloride solution
pH 7.8, BioPerformance Certified, 1 M, suitable for cell culture

T3069
Trizma® hydrochloride solution
pH 8.0, BioPerformance Certified, 2 M, suitable for cell culture

T2694
Trizma® hydrochloride solution
pH 8.0, BioPerformance Certified, 1 M, suitable for cell culture

93328
Trizma® maleate
BioUltra, ≥99.5% (NT)

93348
Trizma® phosphate monobasic
BioXtra, ≥99.0% (NT)

T7818
Trizma® Pre-set crystals
BioPerformance Certified, pH 7.5, average M_w 150.6

T8068
Trizma® Pre-set crystals
BioPerformance Certified, pH 7.7, average M_w 147.6

T1194
Trizma® Pre-set crystals
BioPerformance Certified, pH 8.5, average M_w 131.4

T8193
Trizma® Pre-set crystals
BioPerformance Certified, pH 7.8, average M_w 145.8

T8818
Trizma® Pre-set crystals
BioPerformance Certified, pH 8.5, average M_w 131.4

T7943
Trizma® Pre-set crystals
BioPerformance Certified, pH 7.6, average M_w 149.0

T7443
Trizma® Pre-set crystals
BioPerformance Certified, pH 7.2, average M_w 153.8

T0319
Trizma® Pre-set crystals
BioPerformance Certified, pH 7.4, average M_w 151.6

T9693
Trizma® Pre-set crystals
BioPerformance Certified, pH 9.0, average M_w 124.6

T7693
Trizma® Pre-set crystals
BioPerformance Certified, pH 7.4, average M_w 151.6

T8443
Trizma® Pre-set crystals
BioPerformance Certified, pH 8.0, average M_w 141.8

T9568
Trizma® Pre-set crystals
BioPerformance Certified, pH 8.9, average M_w 125.6

T8568
Trizma® Pre-set crystals
BioPerformance Certified, pH 8.1, average M_w 139.8

T2444
Trizma® hydrochloride solution
pH 7.6, BioPerformance Certified, 1 M, suitable for cell culture

T1819
Trizma® hydrochloride solution
pH 7.0, BioPerformance Certified, 1 M, suitable for cell culture

T2569
Trizma® hydrochloride solution
pH 7.8, BioPerformance Certified, 1 M, suitable for cell culture

T3069
Trizma® hydrochloride solution
pH 8.0, BioPerformance Certified, 2 M, suitable for cell culture

T2694
Trizma® hydrochloride solution
pH 8.0, BioPerformance Certified, 1 M, suitable for cell culture

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Trizma® maleate
BioUltra, ≥99.5% (NT)

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T7818
Trizma® Pre-set crystals
BioPerformance Certified, pH 7.5, average M_w 150.6

T8068
Trizma® Pre-set crystals
BioPerformance Certified, pH 7.7, average M_w 147.6

T1194
Trizma® Pre-set crystals

BioPerformance Certified, pH 8.5, average M_W 131.4

T8193
Trizma® Pre-set crystals
BioPerformance Certified, pH 7.8, average M_W 145.8

T8818
Trizma® Pre-set crystals
BioPerformance Certified, pH 8.5, average M_W 131.4

T7943
Trizma® Pre-set crystals
BioPerformance Certified, pH 7.6, average M_W 149.0

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Trizma® Pre-set crystals
BioPerformance Certified, pH 9.0, average M_W 124.6

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Trizma® Pre-set crystals
BioPerformance Certified, pH 7.4, average M_W 151.6

T8443
Trizma® Pre-set crystals
BioPerformance Certified, pH 8.0, average M_W 141.8

T9568
Trizma® Pre-set crystals
BioPerformance Certified, pH 8.9, average M_W 125.6

T8568
Trizma® Pre-set crystals
BioPerformance Certified, pH 8.1, average M_W 139.8

T7193
Trizma® Pre-set crystals
BioPerformance Certified, pH 7.0, average M_W 154.8

T9693
Trizma® Pre-set crystals
BioPerformance Certified, pH 9.0, average M_W 124.6

T7693
Trizma® Pre-set crystals
BioPerformance Certified, pH 7.4, average M_W 151.6

T5266
Trypsin from porcine pancreas
lyophilized powder, γ-irradiated, BioXtra, suitable for cell culture, 1,000-2,000 BAEE units/mg solid

T2327
Trypsin Inhibitor from *Glycine max* (soybean)
BioUltra, lyophilized powder, ≥95% (Kunitz inhibitor, SDS-PAGE)

P7949
TWEEN® 20
BioXtra, viscous liquid

P8074
TWEEN® 80
BioXtra, viscous liquid

T0307
Tyloxapol
BioXtra

U6253
Ubiquitin from bovine erythrocytes
BioUltra, ≥98% (SDS-PAGE), essentially salt-free, lyophilized powder

51456
Urea
BioUltra, for molecular biology, 99% (T)

U0631
Urea
BioXtra, pH 7.5-9.5 (20 °C, 5 M in H_2O)

51457
Urea solution
BioUltra, ~8 M in H_2O

U0881
Uric acid
BioXtra, ≥99% (HPLC)

U6381
Uridine
BioUltra, ≥99%

95271
Vitamin K_1
BioXtra, ≥99.0% (sum of isomers, HPLC), mixture of isomers

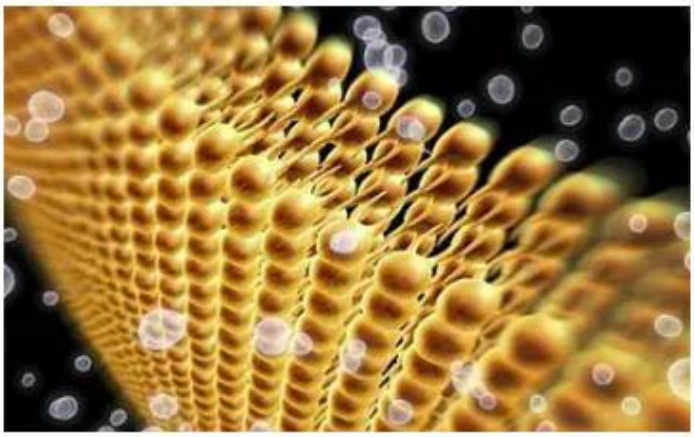
W1503
Water
for embryo transfer, sterile-filtered, BioXtra, suitable for mouse embryo cell culture

W3513
Water
BioPerformance Certified

X4002
Xanthine
BioUltra, ≥99%

83265
Zinc sulfate heptahydrate
BioUltra, for molecular biology, 2.0 M in H_2O

Lipids for Research



Lipids play diverse roles as fuel, energy stores, membrane components, and key players in signal transduction and metabolism. With their hydrophobic properties, lipids are vital for cellular function, exhibiting versatility and contributing to various physiological processes.

We offer a wide spectrum of lipids and their derivatives that can be grouped as below.

- **Fatty acids**, such as **saturated**, **unsaturated** & **omega** fatty acids
- **Glycerides**, including **triglycerides** and **neutral glycerides**
- Nonglyceride lipids, like **steroids**, fatty alcohols, **terpenes**, **bacterial lipids**, **bile acids**, **bioactive lipids**, **fluorescent lipids**, and **natural lipids**
- **Complex lipids**,
  including **cardiolipins**, **sphingolipids**, **phospholipids**, **phosphoglycerides**, **cationic lipids**, **deuterated lipids**, and **lipid extracts**

Along with the above categories, we also offer **click reagents**, **stable isotopes**, **lipid extracts**, and **ESR probes** to drive research and innovation across multiple applications. We are committed to empowering groundbreaking discoveries in **drug delivery**, **transfection**, **lipidomics**, and other lipid applications across your entire workflow. Our high-quality lipids can be used with high-performance liquid chromatography (**HPLC**), liquid chromatography-mass spectrometry (**LC-MS**), and nuclear magnetic resonance (NMR) spectroscopy.

LIPIDOMICS

Lipidomics employs techniques such as mass spectrometry, LC-MS, or NMR to comprehensively profile, identify, and quantify lipids and their metabolites. Such analysis is necessary to deepen our holistic understanding of the complex cellular mechanisms and lipid metabolic pathways contributing to lipid metabolism. The insights provided by lipidomics are essential for the mechanisms underpinning such conditions as obesity, diabetes, and cardiovascular diseases.

LIPIDOMICS IN PHARMACOLOGY

Lipids play significant roles in drug development, delivery systems, and immunology. Advancements include lipid-based drug carriers, nanoparticles, and liposome formulations for targeted delivery, enhanced stability, and immune modulation. These applications underscore lipids' critical significance in research and therapeutic interventions.

LIPIDOMICS IN CELL CULTURE

Lipids play a vital role in cell culture by influencing cell membranes, signaling, and bioprocessing. Researchers analyze lipid composition and optimize supplementation to gain a broader understanding of lipid-mediated signaling, aiming to improve cell growth and achieve desired cellular functions. Such insights not only improve bioprocess efficiency but also hold implications for tissue engineering and regenerative medicine.

LIPIDOMICS IN NEUROBIOLOGY AND BIOCHEMISTRY

Lipids play a vital role in neurobiology, brain development, neural signaling, and the study of lipid-related changes in neurodegenerative disorders. Furthermore, lipid research deepens our understanding of biochemical pathways, molecular mechanisms, lipid metabolism, protein interactions, signaling and cellular processes.

LIPIDOMICS IN MEMBRANE BIOLOGY AND BIOPHYSIC

Lipids are integral components of cell membranes. Research conducted in this area aims to elucidate the structure, dynamics, and functional properties of lipid bilayers. These fields of investigation delve into membrane biophysics, lipid-protein interactions, lipid-mediated signaling, and the role of lipids in membrane-related processes.

H7396
(±)-2-Hydroxyoctanoic acid

H3648
(±)-3-Hydroxydecanoic acid
≥98%

67576
(2*S*,3*S*,4*R*)-1-*O*-(α-D-Galactosyl)-N-hexacosanoyl-2-amino-1,3,4-octadecanetriol
≥95% (TLC)

G4923
(E)-Guggulsterone
≥95% (HPLC), powder

733164
1-Oleoyl-18-^{13}C-*sn*-glycero-3-phosphocholine
97 atom % ^{13}C, 97% (CP)

749176
1-Palmitoyl-2-stearoyl-*rac*-glycero-3-phosphocholine (trimethyl-d$_9$)
98 atom % D, 97% (CP)

757438
1-Palmitoyl-*rac*-glycero-3-phosphocholine-(trimethyl-d$_9$)
98 atom % D, 97% (CP)

M2015
1-Stearoyl-*rac*-glycerol
≥99%

M2172
1-Thioglycerol
BioXtra, ≥97%

P2767
1,2-Di(cis-9-octadecenoyl)-*sn*-glycerol 3-phosphate sodium salt
≥99% (GC), ≥97% (TLC)

37161
1,2-Dihexadecyl-*sn*-glycero-3-phosphoethanolamine
≥99.0% (TLC)

715638
1,2-Dimyristoyl-d_{54}-*sn*-glycero-3-phospho(choline-d_{13})
98 atom % D, 97% (CP)

711047
1,2-Dimyristoyl-d_{54}-*sn*-glycero-3-phosphocholine
98 atom % D, 97% (CP)

615447
1,2-Dimyristoyl-*rac*-glycero-3-phosphocholine-d_{72} hydrate
98 atom % D

P6412
1,2-Dimyristoyl-*sn*-glycero-3-phospho-*rac*-(1-glycerol) sodium salt
≥99%

90998
1,2-Dimyristoyl-*sn*-glycero-3-phospho-*rac*-(1-glycerol) sodium salt
≥98.0% (TLC)

759481
1,2-Dimyristoyl-*sn*-glycero-3-phospho(choline-d_{13})
98 atom % D, 97% (CP)

D2135
1,2-Dipalmitoyl-*rac*-glycerol
≥99%

P4013
1,2-Dipalmitoyl-*sn*-glycero-3-phosphate sodium salt
≥99%

P9789
1,2-Dipalmitoyl-*sn*-glycero-3-phospho-*rac*-(1-glycerol) sodium salt
≥99% (TLC)

D9135
1,2-Dipalmitoyl-*sn*-glycerol
≥99%

43307
1,2-Distearoyl-sn-glycero-3-phospho-L-serine sodium salt
≥75% (TLC)

SBR00034
^{13}C-Short Chain Fatty Acids Plasma Mixture
Suitable for mass spectrometry

730033
2-Linoleoyl-1-palmitoyl-*rac*-glycero-3-phosphocholine-(*trimethyl*-d$_9$)
98 atom % D, 95% (CP)

730041
2-Oleoyl-1-palmitoyl-*rac*-glycero-3-phosphocholine-(*trimethyl*-d$_9$)
98 atom % D, 97% (CP)

76559
2-Oleoyl-1-palmitoyl-sn-glycero-3-phospho-rac-(1-glycerol) ammonium salt
≥97.0% (TLC)

733172
2-Oleoyl-18-^{13}C-1-palmitoyl-*sn*-glycero-3-phosphocholine
97 atom % ^{13}C, 97% (CP)

53467
2,3-Dioleyloxy-1-(dimethylamino)propane
≥98.0% (TLC)

76184
3-Palmitoyl-*sn*-glycerol
≥99.0% (TLC)

C2394
5-Cholesten-3β-ol-7-one
≥90%

P9129
5-Pregnen-3β-ol-20-one
≥98%

SMB00806
7-Ketodeoxycholic acid
≥95% (HPLC)

426202
Algal lipid mixture-^{13}C
99 atom % ^{13}C

A0722
Apolipoprotein A-I from human plasma
≥85% (SDS-PAGE), buffered aqueous solution

A0972
Apolipoprotein A-II from human plasma
≥95% (SDS-PAGE), buffered aqueous solution

A5353
Apolipoprotein B from human plasma
≥95%, lyophilized powder

A3234
Apolipoprotein E4 human
recombinant, expressed in *E. coli*, ≥90% (SDS-PAGE and HPLC), lyophilized powder

A0580
Arachidonylethanolamide
≥97.0% (TLC), oil

B1502
Brain Extract from bovine brain
Type I, Folch Fraction I

B3635
Brain Extract from bovine brain
Type VII

C9606

Castor oil
meets testing specifications per USP

83912
Castor oil
tested according to Ph. Eur.

259853
Castor oil

C9377
Chenodeoxycholic acid

662291
Cholesterol-3,4-$^{13}C_2$
endotoxin tested, 99 atom % ^{13}C

C4951
Cholesterol-Water Soluble
powder, BioReagent, suitable for cell culture

151114
Cholesteryl acetate
97%

C6013
Cholesteryl hemisuccinate tris salt
anionic detergent

729663
Cholesteryl linoleate-$^{13}C_{18}$
99 atom % ^{13}C, 95% (CP)

92243
Cholesteryl *N*-(2-dimethylaminoethyl)carbamate
≥98% (TLC)

605905
Cholesteryl octanoate-1-^{13}C
99 atom % ^{13}C

729523
Cholesteryl oleate-$^{13}C_{18}$
99 atom % ^{13}C, 95% (CP)

C6072
Cholesteryl palmitate
≥98% (HPLC; detection at 205 nm)

729515
Cholesteryl-26,26,26,27,27,27-d_6 linoleate
98 atom % D, 97% (CP)

730238
Cholesteryl-26,26,26,27,27,27-d_6 linolenate
98 atom % D, 97% (CP)

729671
Cholesteryl-26,26,26,27,27,27-d_6 oleate-1,2,3,7,8,9,10-$^{13}C_7$
98 atom % D, 99 atom % ^{13}C, 97% (CP)

C7017
Choline chloride
≥99%

C1758
Coconut oil from *Cocos nucifera*
low-melting solid

C2294
Cod liver oil fatty acid methyl esters
BioReagent, suitable for insect cell culture

C5650
Cod liver oil fatty acid methyl esters

C4282
Coenzyme A hydrate
≥85% (UV, HPLC)

C3144
Coenzyme A sodium salt hydrate
cofactor for acyl transfer

C3019
Coenzyme A trilithium salt
≥93%

C7956
Coenzyme Q_1
≥95%

27597
Coenzyme Q_9
≥96.0% (HPLC)

C8267
Corn oil
delivery vehicle for fat-soluble compounds

27840
Corticosterone
≥98.5% (HPLC)

C7767
Cottonseed oil

C6719
Croton oil

30030
Cymarin
≥96% (HPLC)

D5269
Decanoyl coenzyme A monohydrate
≥90%

50637
Decanoyl-L-carnitine
≥94.0% (HPLC)

D1159
Dexamethasone 21-phosphate disodium salt
≥98%

D49504
Dibutyl sebacate
technical grade

246077
Diethyl sebacate
98%

D4651
Digalactosyl diglyceride
≥93% (TLC), from whole wheat flour, lyophilized powder

D2631
Dihexadecyl phosphate

223115
Dimethyl sebacate
99%

D2636
Dipalmitin
≥99.0%

17766
DL-α-Glycerol phosphate magnesium salt hydrate
~85% (KT)

H9631
DL-α-Hydroxystearic acid
≥99%

M1640
DL-α-Palmitin
≥99%

H3398
DL-β-Hydroxylauric acid
≥99% (GC)

H4148
DL-β-Hydroxymyristic acid
≥98%

H4398
DL-β-Hydroxypalmitic acid
≥98%

D6182
DOTAP chloride
≥98% (TLC), powder

E0625
Egg yolks from chicken
powder

P9009
Ethyl palmitate
≥99%

S8269
Ethyl stearate
≥99% (capillary GC)

L3763
γ-Linolenyl alcohol
≥99%, liquid

G2289
Glycerin
meets USP testing specifications

G5516
Glycerol
for molecular biology, ≥99.0%

49767
Glycerol
BioUltra, for molecular biology, anhydrous, ≥99.5% (GC)

49779
Glycerol
tested according to Ph. Eur., anhydrous

G6279
Glycerol
BioXtra, ≥99% (GC)

G2025
Glycerol
BioReagent, suitable for cell culture, suitable for insect cell culture, suitable for electrophoresis, ≥99% (GC)

49781
Glycerol solution
83.5-89.5% (T)

741086
Glyceryl 1-oleate-$^{13}C_{18}$-2,3-dioleate
99 atom % ^{13}C, 97% (CP)

755621
Glyceryl 1,2-di(oleate-$^{13}C_{18}$) 3-oleate
≥99% ^{13}C, ≥97% (CP)

572535
Glyceryl 1,2-distearate-3-octanoate-1-^{13}C
≥99 atom % ^{13}C, ≥99% (CP)

902373
Glyceryl 1,3-dioctadecanoate-2-octanoate-1-^{13}C
endotoxin tested, ≥99 atom % ^{13}C, ≥99% (CP)

605794
Glyceryl 1,3-dioctadecanoate-2-octanoate-1-^{13}C
99 atom % ^{13}C

D1639
Glyceryl 1,3-dipalmitate
≥99%

D8269
Glyceryl 1,3-distearate
≥99% (TLC)

425893
Glyceryl tri(octanoate-1-^{13}C)
99 atom % ^{13}C, 98% (CP)

808563
Glyceryl tri(octanoate-1,2,3,4-$^{13}C_4$)
≥99 atom % ^{13}C, ≥97% (CP)

617121
Glyceryl tri(octanoate-d_{15})
98 atom % D, 98% (CP)

489514
Glyceryl tri(oleate-1-^{13}C)
99 atom % ^{13}C, 98% (CP)

714771
Glyceryl tri(oleate-1-^{13}C)
endotoxin tested, 99 atom % ^{13}C, 98% (CP)

772941
Glyceryl tri(oleate-1,2,3,7,8-$^{13}C_5$)
≥99 atom % ^{13}C, ≥97% (CP)

646253
Glyceryl tri(oleate-1,2,3,7,8,9,10-$^{13}C_7$)
99 atom % ^{13}C, 97% (CP)

722960
Glyceryl tri(oleate-2,3,7,8-$^{13}C_4$)
99 atom % ^{13}C, 98% (CP)

646245
Glyceryl tri(oleate-9,10-$^{13}C_2$)
99 atom % ^{13}C, 97% (CP)

680842
Glyceryl tri(palmitate-1-^{13}C)
endotoxin tested, 99 atom % ^{13}C, 98% (CP)

425907
Glyceryl tri(palmitate-1-^{13}C)
99 atom % ^{13}C, 98% (CP)

605603
Glyceryl tri(palmitate-1,2-$^{13}C_2$)
99 atom % ^{13}C, 98% (CP)

777862
Glyceryl tri(palmitate-1,2,3,4-$^{13}C_4$)
99 atom % ^{13}C, 98% (CP)

660698
Glyceryl tri(palmitate-d_{31})

endotoxin tested, 98 atom % D, 98% (CP)

616966
Glyceryl tri(palmitate-d_{31})
98 atom % D, 98% (CP)

492663
Glyceryl tri(stearate-1-^{13}C)
99 atom % ^{13}C, 98% (CP)

616117
Glyceryl tri(stearate-18,18,18-d_3)
99 atom % D

T5376
Glyceryl triacetate
≥99%

T8127
Glyceryl tripalmitate
≥85%

T5888
Glyceryl tripalmitate
≥99%

T5016
Glyceryl tristearate
≥99%

605638
Glyceryl-$^{13}C_3$ trioleate
99 atom % ^{13}C, 98% (CP)

776076
Glyceryl-2-^{13}C trioleate
99 atom % ^{13}C, 97% (CP)

492671
Glyceryl-2-^{13}C tripalmitate
99 atom % ^{13}C, 98% (CP)

729507
Glyceryl-d_5 trilinoleate
98 atom % D, 97% (CP)

I0383
Isobutyryl coenzyme A lithium salt
≥85%

I9381
Isovaleryl coenzyme A lithium salt hydrate
≥90%

59980
Jojoba oil from *Simmondsia chinensis*
tested according to DAC

L7635
L-a-Lysophosphatidylinositol sodium salt from *Glycine max* (soybean)
≥96%

62966
L-a-Lysophosphatidylinositol sodium salt from soybean
≥98.0% (TLC)

P8318
L-a-Phosphatidyl-DL-glycerol sodium salt from egg yolk lecithin
≥99% (TLC), lyophilized powder

P6636
L-a-Phosphatidylinositol from *Glycine max* (soybean)
~50% (TLC)

P0639
L-a-Phosphatidylinositol sodium salt from *Glycine max* (soybean)
≥99%

L0657
Lard oil

L2659
Lauroyl coenzyme A lithium salt
≥90% (HPLC)

39953
Lauroyl-L-carnitine
≥95.0% (HPLC)

L5900

Linoleic Acid-Water Soluble
powder, BioReagent, suitable for cell culture

☐

430021
Linseed Oil

☐

L4646
Lipids Cholesterol Rich from adult bovine serum
liquid, sterile-filtered, BioReagent, suitable for cell culture, suitable for insect cell culture

☐

L8039
Lipoprotein, high density from human plasma
≥95% (SDS-PAGE), solution

☐

L7914
Lipoprotein, low density from human plasma
≥95% (SDS-PAGE), solution

☐

SAE0053
Lipoprotein, low density from human plasma, solution

☐

L3265
Lipoteichoic acid from *Bacillus subtilis*

☐

L2515
Lipoteichoic acid from *Staphylococcus aureus*
bacterial cell wall polymer

☐

L3140
Lipoteichoic acid from *Streptococcus pyogenes*

☐

L6250
Lithocholic acid
≥95%

☐

G5660
Lysoganglioside-GM_1 from bovine brain
≥95%, lyophilized powder

☐

H7002
***Methyl* 12-hydroxystearate**
≥99% (GC)

☐

P5177

Methyl palmitate
≥99% (capillary GC)

R8750
Methyl ricinoleate
≥99% (GC)

S5376
Methyl stearate
~99% (GC)

M5571
Miltefosine
≥98% (perchloric acid titration)

M6807
Misoprostol
≥99% (HPLC)

G9652
Monosialoganglioside G_{M1} from bovine brain
lyophilized powder, BioXtra, γ-irradiated, ≥95% (TLC)

77238
***N*-Hexanoyl-D-sphingomyelin**
≥98.0% (TLC)

91553
***N*-Palmitoyl-D-sphingomyelin**
≥96.0% (TLC)

43799
***N*-Palmitoyl-D-sphingosine**
≥98.0% (TLC)

18448
***N*-Stearoyl-D-sphingosine**
≥98.0% (TLC)

922420
NanoFabTx™ - PEG Lipid Mix
for synthesis of PEGylated liposomes

O3008
Oleic Acid-Albumin from bovine serum
liquid, sterile-filtered, BioReagent, suitable for cell culture

O1257
Oleic Acid-Water Soluble
powder, BioReagent, suitable for cell culture

75343
Olive oil
tested according to Ph. Eur.

O1514
Olive oil
highly refined, low acidity

27734
Palmitic acid
≥98% palmitic acid basis (GC)

P0500
Palmitic acid
≥99%

P5585
Palmitic acid
BioXtra, ≥99%

807761
palmitic-acid-5-hydroxy-stearic-acid
95%

807788
palmitic-acid-9-hydroxy-stearic-acid
95%

P6775
Palmitoleoyl coenzyme A lithium salt
~90%

P0169
Palmityl palmitate
≥99%

P2144
Peanut oil
delivery vehicle for lipophilic compounds

46022
Pentyl acetate
puriss. p.a., ≥98.5% (GC)

79403
Phosphatidylinositol sodium salt
from soybean

P2795
Phytosphingosine hydrochloride

P5640
Prostaglandin E_2
≥93% (HPLC), synthetic

P0424
Prostaglandin $F_{2\alpha}$ tris salt
≥99%, synthetic, powder

P6188
Prostaglandin I_2 sodium salt
≥96% (HPLC), synthetic, powder

723703
***rac*-Glyceryl-1,1,2,3,3-d_5-1,2-dioleate**
98 atom % D, 95% (CP)

709077
***rac*-Glyceryl-$^{13}C_3$-1,2-dioleate**
99 atom % ^{13}C, 95% (CP)

741124
***rac*-Glyceryl-2-oleate-$^{13}C_{18}$-3-oleate-1-palmitate**
99 atom % ^{13}C, 95% (CP)

741388
***rac*-Glyceryl-2,3-di(oleate-$^{13}C_{18}$)-1-palmitate**
99 atom % ^{13}C, 95% (CP)

730068
***rac*-Glyceryl-d_5-2-linoleate-3-oleate-1-palmitate**
98 atom % D, 95% (CP)

730076
***rac*-Glyceryl-d_5-2,3-dioleate-1-palmitate**
98 atom % D, 95% (CP)

R90
Rhamnolipids, 90%

R95DD
Rhamnolipids, 95% (Di-Rhamnolipid dominant)

R95MD
Rhamnolipids, 95% (Mono-Rhamnolipid dominant)

SBR00036
Rhodamine B labeled Polymyxin B Ready Made Solution
For fluorescent microbial imaging, 1.1 mg/mL in water

R7257
Ricinoleic acid
≥95%

R5155
Rocuronium bromide
≥97% (perchloric acid titration)

S8281
Safflower seed oil from *Carthamus tinctorius* seed

S3547
Sesame oil
Antioxidant, delivery vehicle for fat-soluble compounds

900970
***sn*-Glycero-3-phosphocholine-(*trimethyl*-d_9)**
≥98 atom % D, ≥96% (CP)

C9523
Sodium cholesteryl sulfate

P9767
Sodium palmitate
≥98.5%

S3381
Sodium stearate
≥99%

T6260
Sodium taurochenodeoxycholate

S7381
Soybean oil
dietary source of long-chain triglycerides and other lipids

S4751
Stearic acid
Grade I, ≥98.5% (capillary GC)

175366
Stearic acid
reagent grade, 95%

73297
Stearic acid 50
tested according to Ph. Eur.

P3512
Stearyl palmitate
≥99%

85775
Stearyl stearate
≥98.0% (GC)

76904
Vecuronium bromide

W4394
Withaferin A
≥95% (HPLC)

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