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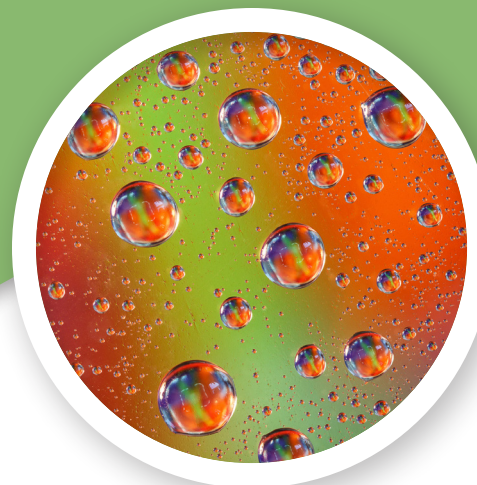
EurisoTop

A CAMBRIDGE ISOTOPE LABORATORIES COMPANY

RESEARCH PRODUCTS

Stable Isotopes for Lipidomics

An expanded offering of reagents to
monitor lipid synthesis and turnover



Fatty Acids

Catalog No.	Description
8:0 Caprylic Acid or Octanoic Acid	
CLM-3981	Octanoic acid ($^{13}\text{C}_8$, 99%)
CLM-293	Octanoic acid ($1\text{-}^{13}\text{C}$, 99%)
CLM-293-MPT	Octanoic acid ($1\text{-}^{13}\text{C}$, 99%)
CLM-3827	Octanoic acid ($1,2\text{-}^{13}\text{C}_2$, 99%)
CLM-2721	Octanoic acid ($1,2,3,4\text{-}^{13}\text{C}_4$, 99%)
DLM-619	Octanoic acid (D_{15} , 98%)
9:0 Nonanoic Acid	
CLM-8724	Nonanoic acid ($\text{U-}^{13}\text{C}_9$, 98%)
10:0 Capric Acid or Decanoic Acid	
DLM-2006	Decanoic acid (methyl- D_3 , 98%)
DLM-270	Decanoic acid (D_{19} , 98%)
12:0 Lauric Acid	
CLM-1586	Lauric acid ($1\text{-}^{13}\text{C}$, 99%)
DLM-3062	Lauric acid (methyl- D_3 , 99%)
DLM-563	Lauric acid (D_{23} , 98%)
13:0 Tridecanoic Acid	
DLM-1392	Tridecanoic acid (D_{25} , 98%)
14:0 Myristic Acid	
CLM-1844	Myristic acid ($1\text{-}^{13}\text{C}$, 99%)
CLM-3665	Myristic acid ($1,2,3\text{-}^{13}\text{C}_3$, 99%)
DLM-1039	Myristic acid (methyl- D_3 , 98%)
DLM-208	Myristic acid (D_{27} , 98%)
DLM-7487	Myristic acid ($13,13,14,14,14\text{-D}_5$, 98%)
DLM-2922	DL-3-Hydroxymyristic acid ($2,2,3,4,4\text{-D}_5$, 96%)
15:0 Pentadecanoic Acid	
DLM-1307	Pentadecanoic acid (methyl- D_3 , 98%)
16:0 Palmitic Acid	
CLM-409	Palmitic acid ($\text{U-}^{13}\text{C}_{16}$, 98%)
CLM-409-MPT	Palmitic acid ($\text{U-}^{13}\text{C}_{16}$, 98%)
CLM-150	Palmitic acid ($1\text{-}^{13}\text{C}$, 99%)
CLM-150-MPT	Palmitic acid ($1\text{-}^{13}\text{C}$, 99%)
CLM-2120	Palmitic acid ($2\text{-}^{13}\text{C}$, 99%)

Catalog No.	Description
CLM-214	Palmitic acid ($1,2\text{-}^{13}\text{C}_2$, 99%)
CLM-7896	Palmitic acid ($1,2,3,4\text{-}^{13}\text{C}_4$, 99%)
CLM-7896-MPT	Palmitic acid ($1,2,3,4\text{-}^{13}\text{C}_4$, 99%)
DLM-611	Palmitic acid (methyl- D_3 , 98%)
DLM-215	Palmitic acid (D_{31} , 98%)
DLM-215-MPT	Palmitic acid (D_{31} , 98%)
DLM-8673	Palmitic acid (12-D_1 , 98%)
DLM-1153	Palmitic acid ($2,2\text{-D}_2$, 98%)
DLM-2890	Palmitic acid ($9,9\text{-D}_2$, 98%)
DLM-2891	Palmitic acid ($13,13\text{-D}_2$, 98%)
DLM-2893	Palmitic acid ($7,7,8,8\text{-D}_4$, 98%)
DLM-2894	Palmitic acid ($11,11,12,12\text{-D}_4$, 98%)
DLM-9424	Palmitic acid ($13,13,14,14,15,15,16,16,16\text{-D}_9$, 98%)
DLM-2895	Palmitic acid ($9,9,\dots,16,16,16\text{-D}_{17}$, 98%) CP 97%
16:1 Palmitoleic Acid	
CLM-2241	Palmitoleic acid ($\text{U-}^{13}\text{C}_{16}$, 98%) CP 97%
17:0 Heptadecanoic Acid	
DLM-1308	Heptadecanoic acid (methyl- D_3 , 98%)
18:0 Stearic Acid	
CLM-490	Stearic acid (methyl- ^{13}C , 99%)
CLM-6990	Stearic acid ($\text{U-}^{13}\text{C}_{18}$, 98%) CP 97%
CLM-676	Stearic acid ($1\text{-}^{13}\text{C}$, 99%)
DLM-1154	Stearic acid (methyl- D_3 , 98%)
DLM-379	Stearic acid (D_{35} , 98%)
18:1 Oleic Acid	
CLM-460	Oleic acid ($\text{U-}^{13}\text{C}_{18}$, 98%)
CLM-149	Oleic acid ($1\text{-}^{13}\text{C}$, 99%)
CLM-149-MPT	Oleic acid ($1\text{-}^{13}\text{C}$, 99%)
CLM-2492	Oleic acid (methyl- ^{13}C , 99%)
DLM-1891	Oleic acid (D_{33} , 98%)
DLM-689	Oleic acid ($9,10\text{-D}_2$, 97%)
DLM-689-MPT	Oleic acid ($9,10\text{-D}_2$, 97%)

Chemical purity (CP) is 98% or greater unless otherwise indicated. MPT = microbiological/pyrogen tested

Continued >



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Fatty Acids (continued)

Catalog No.	Description
18:2 Linoleic Acid	
CLM-6855	Linoleic acid (U- ¹³ C ₁₈ , 98%) (<10% <i>cis/trans</i> isomer) CP 94%+
CLM-9688	Linoleic acid (1- ¹³ C, 99%)
18:3 Linolenic Acid	
CLM-8386	Linolenic acid (U- ¹³ C ₁₈ , 98%+) CP 95%
DLM-9348	Linolenic acid (17,17,18,18,18-D ₅ , 98%) CP 90%
20:0 Arachidic Acid	
DLM-1234	Arachidic acid (methyl-D ₃ , 98%) CP 97%
DLM-1233	Arachidic acid (D ₃₉ , 98%)
20:4 Arachidonic Acid	
DLM-1661-N	Arachidonic acid (5,6,8,9,11,12,14,15-D ₈ , 98%)
20:5 Eicosapentaenoic Acid	
CLM-8389	Eicosapentaenoic acid (U- ¹³ C ₂₀ , 98%+)
DLM-9720	<i>cis</i> -5,8,11,14,17-Eicosapentaenoic acid (19,19,20,20,20-D ₅ , 98%)
22:6 Docosahexaenoic Acid	
CLM-8388	Docosahexaenoic acid (U- ¹³ C ₂₂ , 99%) may contain up to 10% DPA
DLM-10012	Docosahexaenoic acid (21,21,22,22,22-D ₅ , 98%)
26:0 Cerotic Acid or Hexacosanoic Acid	
DLM-8510	Hexacosanoic acid (12,12,13,13-D ₄ , 98%)

Fatty Acid Salts

Catalog No.	Description
8:0 Octanoate	
CLM-9617	Sodium octanoate (¹³ C ₈ , 99%)
CLM-1948	Sodium octanoate (1- ¹³ C, 99%)
CLM-1948-MPT	Sodium octanoate (1- ¹³ C, 99%)
CLM-3980	Sodium octanoate (2,4,6,8- ¹³ C ₄ , 99%)
14:0 Myristate	
CLM-6228	Myristic acid, potassium salt (1- ¹³ C, 99%)
CLM-8695	Myristic acid, sodium salt (1,2,3- ¹³ C ₃ , 99%)
16:0 Palmitate	
CLM-3943	Potassium palmitate (U- ¹³ C ₁₆ , 98%+)
CLM-3943-MPT	Potassium palmitate (U- ¹³ C ₁₆ , 98%+)
CLM-1889	Potassium palmitate (1- ¹³ C, 99%)
CLM-1889-MPT	Potassium palmitate (1- ¹³ C, 99%)
CLM-6865	Potassium palmitate (1,2,3,4- ¹³ C ₄ , 99%)
CLM-6865-MPT	Potassium palmitate (1,2,3,4- ¹³ C ₄ , 99%)
DLM-6199	Potassium palmitate (methyl-D ₃ , 98%)
DLM-3773	Potassium palmitate (2,2-D ₂ , 97%)
DLM-3773-MPT	Potassium palmitate (2,2-D ₂ , 97%)
DLM-6033	Potassium palmitate (7,7,8,8-D ₄ , 98%)
DLM-6033-MPT	Potassium palmitate (7,7,8,8-D ₄ , 98%)
CLM-6059	Sodium palmitate (U- ¹³ C ₁₆ , 98%+)
CLM-6059-MPT	Sodium palmitate (U- ¹³ C ₁₆ , 98%+)
CLM-174	Sodium palmitate (1- ¹³ C, 99%)
CLM-174-MPT	Sodium palmitate (1- ¹³ C, 99%)
18:0 Stearate	
CLM-6227	Stearic acid, potassium salt (1- ¹³ C, 99%)
CLM-10365	Stearic acid, sodium salt (U- ¹³ C ₁₈ , 99%) CP 97%

Catalog No.	Description
18:1 Oleate	
CLM-8856	Oleic acid, potassium salt (U- ¹³ C ₁₈ , 98%)
CLM-8856-MPT	Oleic acid, potassium salt (U- ¹³ C ₁₈ , 98%)
CLM-4477	Oleic acid, potassium salt (1- ¹³ C, 99%)
CLM-4477-MPT	Oleic acid, potassium salt (1- ¹³ C, 99%)
DLM-8837	Oleic acid, potassium salt (15,15,16,16,17,17,18,18,18-D ₉ , 98%)
18:2 Linoleate	
CLM-8835	Linoleic acid, potassium salt (U- ¹³ C ₁₈ , 98%) (may have up to 5% isomers) CP 97%
CLM-6229	Linoleic acid, potassium salt (1- ¹³ C, 99%)

Fatty Acid Methyl Esters (FAMES) and Ethyl Esters (FAEEs)

Catalog No.	Description
16:0 Palmitic Acid	
CLM-3957	Palmitic acid, ethyl ester (palmitate-U- ¹³ C ₁₆ , 98%+) CP 95%+
DLM-8793	Palmitic acid, ethyl ester (D ₃₁ , 98%)
CLM-8390	Palmitic acid, methyl ester (palmitate-U- ¹³ C ₁₆ , 98%+)
16:1 Palmitoleic Acid	
CLM-3958	Palmitoleic acid, ethyl ester (palmitoleate-U- ¹³ C ₁₆ , 98%+) CP 97%
CLM-8391	Palmitoleic acid, methyl ester (palmitoleate-U- ¹³ C ₁₆ , 98%+) CP 97%
18:0 Stearic Acid	
CLM-8731	Stearic acid, ethyl ester (stearate-U- ¹³ C ₁₈ , 98%+)
CLM-8394	Stearic acid, methyl ester (stearate-U- ¹³ C ₁₈ , 98%+) CP 95%
18:1 Oleic Acid	
CLM-3959	Oleic acid, ethyl ester (oleate-U- ¹³ C ₁₈ , 98%+)
DLM-8747	Oleic acid, ethyl ester (D ₃₃ , 98%) CP 95%+
CLM-4337	Oleic acid, methyl ester (oleate-U- ¹³ C ₁₈ , 98%+)
18:2 Linoleic Acid	
CLM-3960	Linoleic acid, ethyl ester (linoleate-U- ¹³ C ₁₈ , 98%) CP 95%+
CLM-3960-MPT	Linoleic acid, ethyl ester (linoleate-U- ¹³ C ₁₈ , 98%) CP 95%+
CLM-2119	Linoleic acid, ethyl ester (1- ¹³ C, 99%)
DLM-766	Linoleic acid, ethyl ester (D ₃₁ , 98%) CP 95%+
DLM-227	Linoleic acid, ethyl ester (17,17,18,18,18-D ₅ , 98%)
CLM-8395	Linoleic acid, methyl ester (linoleate-U- ¹³ C ₁₈ , 98%+) CP 95%
DLM-9663	Linoleic acid, methyl ester (D ₃₁ , 98%) CP 95%+
18:3 Linolenic Acid	
DLM-2351	Linolenic acid, ethyl ester (17,17,18,18,18-D ₅ , 98%) CP 95%
CLM-8396	Linolenic acid, methyl ester (linolenate-U- ¹³ C ₁₈ , 98%+) CP 95%
20:5 Eicosapentaenoic Acid	
CLM-8399	Eicosapentaenoic acid, methyl ester (eicosapentaenoate-U- ¹³ C ₂₀ , 90%+)
22:6 Docosahexaenoic Acid	
CLM-8656	Docosahexaenoic acid, ethyl ester (docosahexaenoate-U- ¹³ C ₂₂ , 95%+) CP 90%+
DLM-10015	Docosahexaenoic acid, ethyl ester (21,21,22,22,22-D ₅ , 98%) CP 95%
CLM-8398	Docosahexaenoic acid, methyl ester (docosahexaenoate-U- ¹³ C ₂₂ , 99%)
DLM-10014	Docosahexaenoic acid, methyl ester (21,21,22,22,22-D ₅ , 98%) CP 97%

Triacyl Glycerides

Catalog No.	Description
Glyceryl	
CLM-8445	Tripalmitin (glyceryl- ¹³ C ₃ , 99%)
CLM-8445-MPT	Tripalmitin (glyceryl- ¹³ C ₃ , 99%)
DLM-9986	Tripalmitin (glyceryl-D ₅ , 98-99%)
8:0 Octanoyl	
CLM-4259	2-Octanoyl-1,3-diolein (octanoyl-1,2- ¹³ C ₂ , 99%)
CLM-3707	2-Octanoyl-1,3-distearin (octanoic-1- ¹³ C, 99%)
CLM-3707-MPT	2-Octanoyl-1,3-distearin (octanoic-1- ¹³ C, 99%)
CLM-4258	2-Octanoyl-1,3-distearin (octanoyl-1,2- ¹³ C ₂ , 99%)
CLM-162	Trioctanoin (1,1,1- ¹³ C ₃ , 99%)
CLM-162-MPT	Trioctanoin (1,1,1- ¹³ C ₃ , 99%)
16:0 Palmitoyl	
CLM-164	Tripalmitin (1,1,1- ¹³ C ₃ , 99%)
CLM-164-MPT	Tripalmitin (1,1,1- ¹³ C ₃ , 99%)
CLM-350	Tripalmitin (2,2,2- ¹³ C ₃ , 99%)
CLM-9468	Tripalmitin (1,1,1,2,2,2,3,3,3,4,4,4- ¹³ C ₁₂ , 99%)
DLM-9462	Tripalmitin (trispalmitoyl-D ₉₃ , 98%)
DLM-9044	Tripalmitin (D ₉₈ , 98%)
18:0 Stearoyl	
DLM-7875	Tristearin (tristearoyl-D ₁₀₅ , 98%)
18:1 Oleoyl	
CLM-163	Triolein (1,1,1- ¹³ C ₃ , 99%)
CLM-163-MPT	Triolein (1,1,1- ¹³ C ₃ , 99%)

Cholesterol

Catalog No.	Description
CLM-804	Cholesterol (3,4- ¹³ C ₂ , 99%)
CLM-804-MPT	Cholesterol (3,4- ¹³ C ₂ , 99%)
CLM-9139	Cholesterol (2,3,4- ¹³ C ₃ , 99%)
CLM-9587	Cholesterol (23,24,25,26,27- ¹³ C ₅ , 99%)
DLM-1831	Cholesterol (3-D ₁ , 97%)
DLM-7260	Cholesterol (25,26,26,26-D ₄ , 98%)
DLM-2607	Cholesterol (2,2,3,4,4,6-D ₆ , 97-98%)
DLM-3057	Cholesterol (25,26,26,26,27,27,27-D ₇ , 98%)
OLM-7695	Cholesterol (¹⁸ O, 80%)
CLM-3361	Cholesterol-3-octanoate (octanoate-1- ¹³ C, 99%)
CLM-7768	Epicholesterol (3,4- ¹³ C ₂ , 99%)
DLM-8646	7-β-Hydroxycholesterol (25,26,26,26,27,27,27-D ₇ , 98%) CP 97%
DLM-8647	7-Ketocholesterol (25,26,26,26,27,27,27-D ₇ , 98%)

Ceramides

Catalog No.	C:D	Description
ULM-9722	8:0	N-Octanoyl-D-sphingosine (ceramide D18:1/8:0) (unlabeled)
ULM-9721	10:0	N-Decanoyl-D-sphingosine (ceramide D18:1/10:0) (unlabeled)
CLM-9582	16:0	N-Palmitoyl-D-sphingosine (ceramide D18:1/16:0) (palmitoyl-U- ¹³ C ₁₆ , 99%) CP 95%
ULM-9580	16:0	N-Palmitoyl-D-sphingosine (ceramide D18:1/16:0) (unlabeled) CP 95%
CLM-9583	18:1	N-Oleoyl-D-sphingosine (ceramide D18:1/18:1 (9Z)) (oleoyl-U- ¹³ C ₁₈ , 99%) CP 95%
ULM-9581	18:1	N-Oleoyl-D-sphingosine (ceramide D18:1/18:1 (9Z)) (unlabeled) CP 95%

Phospholipids

Catalog No.	C:D	Description
DLM-2274	12:0	Dodecylphosphocholine (D ₃₈ , 98%) DDPPC
DLM-605	14:0	L-α-Phosphatidylcholine, dimyristoyl (dimyristoyl-D ₅₄ , 97%) CP 95%
CLM-9668	16:0	DL-α-Phosphatidylcholine, dipalmitoyl (U- ¹³ C ₄₀ , 98%) CP 95%
DLM-606	16:0	L-α-Phosphatidylcholine, dipalmitoyl (dipalmitoyl-D ₆₂ , 98%) CP 95%
DLM-8256	16:0	DL-α-Phosphatidylcholine, dipalmitoyl (D ₈₀ , 98%) CP 95%+
CLM-9792	26:0	Hexacosanoyl lysophosphatidylcholine (hexacosanoyl-1,2,3,4,5,6- ¹³ C ₆ , 99%)

Mixed Fatty Acids and Mixed Triglycerides

Catalog No.	Description
CLM-8455	Mixed fatty acids (U- ¹³ C, 98%+)
DLM-8572	Mixed fatty acids (U-D, 96-98%)
CDLM-8376	Mixed fatty acids (U- ¹³ C, 98%+; U-D, 97%+)
CLM-8381	Mixed fatty acid methyl esters (U- ¹³ C, 98%+) (unlabeled terminal ester) CP 95%+
DLM-2497	Mixed fatty acid methyl esters (U-D, 96-98%)
CLM-8373	Mixed triglycerides (U- ¹³ C, 98%+)
DLM-8375	Mixed triglycerides (U-D, 97%+)

Composition of Mixed Fatty Acids

Palmitic acid:	35-55%
Palmitoleic acid:	10-15%
Oleic acid:	20-35%
Linoleic acid:	10-20%

Composition of labeled mixed fatty acids varies from lot to lot.



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