

Stable Isotope Labelled Fatty Acids (1)

Campro Scientific GmbH offers a full line of Carbon-13, Deuterium, Nitrogen-15, Oxygen-17 and Oxygen-18 labelled Compounds. The following list includes many of the isotopically fatty acids available from Campro Scientific GmbH:

Catalog no.	Compound	Enrichment Atom %
48 865-8	Decanoic Acid-1- ¹³ C	99
57 966-1	Decanoic-10- ¹³ C Acid	99
58 781-8	Decanoic Acid-1,2- ¹³ C ₂	99
61 612-5	Decanoic-10,10,10-d ₃ Acid	99
48 866-6	Decanoic-d ₁₉ Acid	98
58 606-4	Docosanoic-d ₄₃ Acid	98
29 216-8	Dodecanoic Acid-1- ¹³ C	99
57 968-8	Dodecanoic-2- ¹³ C Acid	99
48 663-9	Dodecanoic-12- ¹³ C Acid	99
58 605-6	Dodecanoic Acid-1,2- ¹³ C ₂	99
58 615-3	Dodecanoic Acid-1,2,3,4- ¹³ C ₄	99
48 916-6	Dodecanoic-2,2-d ₂ Acid	98
48 560-8	Dodecanoic-12,12,12-d ₃ Acid	98
45 140-1	Dodecanoic-d ₂₃ Acid	98
42 590-7	Glyceryl Tri-(hexadecanoate-1- ¹³ C) (Tripalmitin)	99
49 267-1	Glyceryl-2- ¹³ C Trihexadecanoate	99
61 547-1	Glyceryl Tri-(hexadecanoate-16,16,16-d ₃)	98
49 266-3	Glyceryl Tri-(octadecanoate-1- ¹³ C) (Tristearin)	99
61 611-7	Glyceryl Tri-(octadecanoate-18,18,18-d ₃)	99
42 589-3	Glyceryl Tri-(octanoate-1- ¹³ C) (Trioctanoin)	99
48 951-4	Glyceryl Tri-(oleate-1- ¹³ C) (Triolein)	99
29 212-5	Hexadecanoic Acid-1- ¹³ C (Palmitic Acid)	99
49 275-2	Hexadecanoic-2- ¹³ C Acid	99
60 564-6	Hexadecanoic-16- ¹³ C Acid	99
48 580-2	Hexadecanoic Acid-1,2- ¹³ C ₂	99
58 776-1	Hexadecanoic-15,16- ¹³ C ₂ Acid	99
48 961-1	Hexadecanoic Acid-1,2,3,4- ¹³ C ₄	99
60 570-0	Hexadecanoic-5,6,7,8- ¹³ C ₄ Acid	99

Stable Isotope Labelled Fatty Acids (2)

Catalog no.	Compound	Enrichment Atom %
60 557-3	Hexadecanoic Acid- ¹³ C ₁₆	99
48 966-2	Hexadecanoic-2,2-d ₂ Acid	98
61 595-1	Hexadecanoic-16,16,16-d ₃ Acid	99
61 610-9	Hexadecanoic-15,15,16,16,16-d ₅ Acid	98
36 689-7	Hexadecanoic-d ₃₁ Acid	98
48 964-6	Hexadecanoic Acid-1- ¹³ C, Potassium Salt	99
48 967-0	Hexadecanoic-2,2-d ₂ Acid, Potassium Salt	98
60 573-5	Linoleic Acid- ¹³ C ₁₈	99
60 574-3	Linolenic Acid- ¹³ C ₁₈	99
29 916-2	Octadecanoic Acid-1- ¹³ C (Stearic Acid)	99
59 149-1	Octadecanoic-2- ¹³ C Acid	99
60 565-4	Octadecanoic-18- ¹³ C Acid	99
59 160-2	Octadecanoic Acid-1,2- ¹³ C ₂	99
60 558-1	Octadecanoic Acid- ¹³ C ₁₈	99
49 315-5	Octadecanoic-2,2-d ₂ Acid	98
49 039-3	Octadecanoic-18,18,18-d ₃ Acid	98
61 584-6	Octadecanoic-17,17,18,18,18-d ₅ Acid	98
44 824-9	Octadecanoic-d ₃₅ Acid	98
29 645-7	Octanoic Acid-1- ¹³ C (Caprylic Acid)	99
59 107-6	Octanoic-2- ¹³ C Acid	99
59 096-7	Octanoic-7- ¹³ C Acid	99
59 085-1	Octanoic-8- ¹³ C Acid	99
59 205-6	Octanoic Acid-1,2- ¹³ C ₂	99
59 193-9	Octanoic Acid-7,8- ¹³ C ₂	99
49 316-3	Octanoic Acid-1,2,3,4- ¹³ C ₄	99
60 567-0	Octanoic-5,6,7,8- ¹³ C ₄ Acid	99
60 572-7	Octanoic Acid- ¹³ C ₈	99
61 609-5	Octanoic-8,8,8-d ₃ Acid	99
44 821-4	Octanoic-d ₁₅ Acid	98
49 041-5	Octanoic Acid-1- ¹³ C, Sodium Salt	98
49 042-3	Oleic Acid-1- ¹³ C	99
49 043-1	Oleic Acid- ¹³ C ₁₈	99
61 613-3	Oleic-9,10-d ₂ Acid	98

Fully ¹³C-Labelled Fatty Acids (3)

Campro Scientific GmbH offers a full line of Carbon-13 labelled compounds.
The following list includes many of the isotopically Fatty Acids available from us:

Compound	Enrichment Atom %
Hexadecanoic Acid- ¹³ C ₁₆ (Palmitic Acid)	99
Linoleic Acid- ¹³ C ₁₈ (18:2)	99
Linolenic Acid- ¹³ C ₁₈ (18:3)	99
Octadecanoic Acid- ¹³ C ₁₈ (Stearic Acid)	≈ 99
Oleic Acid- ¹³ C ₁₈ (18:1)	≈ 99
Tetradecanoic Acid- ¹³ C ₁₄	99
Purified Fatty Acid-ul- ¹³ C Mixture (free acids)	99
Technical Information	
Compound Purified Fatty Acid-[ul- ¹³ C] Mixture	
Typical Mixture Composition	
Saturated Fatty Acids	Configuration (# of Carbons: DBL Bonds)
	%
Palmitic	16 : 0
Stearic	18 : 0
other	0 - 1
Unsaturated Fatty Acids	
	Configuration (# of Carbons: DBL Bonds)
	%
Palmitoleic (9=10)	16 : 1
Oleic (9=10)	18 : 1
Linoleic (9=10, 12=13)	18 : 2
Linolenic (6=7, 9=10, 12=13)	18 : 3
other	0 - 1
Total Chemical Purity (Free Fatty Acid Content)	
	≥ 99 %

Highest Quality Fatty Acids

Catalog no.	Compound	Quantity
ARC-290	Arachidonic acid, [1- ¹⁴ C]	10 µCi
ART-196A	Arachidonic acid, [5,6,8,9,11,12,14,15- ³ H]	50 µCi
ARC1357	Decenoic acid 4-[1- ¹⁴ C] (4-10:1)	50 µCi
ARC-380	Docosahexaenoic acid, 4,7,10,13,16,19-[1- ¹⁴ C]	10 µCi
ART-886	Docosapentaenoic acid 4,7,10,13,16-[4,5,7,8,10,11,13,14,16,17- ³ H]	50 µCi
ARC-1196	Docosapentaenoic acid 7,10,13,16,19-[1- ¹⁴ C]	10 µCi
ARC-574	Docosapentaenoic acid, 4,7,10,13,16-[1- ¹⁴ C]	10 µCi
ARC-573	Docosatetraenoic acid, 7,10,13,16-[1- ¹⁴ C]	10 µCi
ARC-1355	Docosatetraenoic acid, 7,10,13,16-[3- ¹⁴ C] (22:4)	10 µCi
ARC-1191	Eicosadienoic acid 11,14-[1- ¹⁴ C]	10 µCi
ARC-342	Eicosapentaenoic acid, 5,8,11,14,17-[1- ¹⁴ C]	10 µCi
ART-333	Eicosapentaenoic acid, [5,6,8,9,11,12,14,15,17,18- ³ H]	50 µCi
ARC-1283	Eicosatetraenoic acid 8,11,14,17-[1- ¹⁴ C]	10 µCi
ARC-378	Eicosatrienoic acid, 5,8,11-[1- ¹⁴ C]	10 µCi
ARC-1358	Eicosatrienoic acid, 5,11,14-[1- ¹⁴ C] (20:3)	10 µCi
ARC-381	Eicosatrienoic acid, 8,11,14-[1- ¹⁴ C]	10 µCi
ARC-1147	Δ-11Eicosenoic, [1- ¹⁴ C]	10 µCi
ARC-1165	Elaidic acid [1- ¹⁴ C] ((E)-9-Octadecenoic acid)	50 µCi
ARC-572	Erucic acid, [1- ¹⁴ C]	10 µCi
ART-858	Heptadecanoic acid [10,11- ³ H]	250 µCi
ARC-1352	Hexadecatrienoic acid 4,7,10-[1- ¹⁴ C]	10 µCi
ART-866	12-Hydroxystearic acid [9,10- ³ H]	1 mCi
ARC-257	Lauric acid, [1- ¹⁴ C]	50 µCi
ART-480	Lauric acid [11,12- ³ H]	250 µCi
ARC-805	Lignoceric acid, [1- ¹⁴ C]	50 µCi
ARC-294	Linoleic acid, [1- ¹⁴ C]	50 µCi
ART-332	Linoleic acid, [9,10,12,13- ³ H]	250 µCi
ARC-379	Linolenic acid, [9,12,15-1- ¹⁴ C]	50 µCi
ART-331	Linolenic acid, [9,10,12,13,15,16- ³ H]	250 µCi
ARC-198	Myristic acid, [1- ¹⁴ C]	50 µCi
ART-141	Myristic acid, [9,10- ³ H(N)]	1 mCi
ARC-1215	Octacosanoic acid, [1- ¹⁴ C]	50 µCi
ARC-386	Octadecatetraenoic acid, 6,9,12,15-[1- ¹⁴ C]	10 µCi
ARC-385	Octadecatrienoic acid, 6,9,12-[1- ¹⁴ C]	10 µCi
ARC-149	Octanoic acid, [1- ¹⁴ C]	50 µCi
ART-571	Octanoic acid, [8- ³ H]	250 µCi
ARC-297	Oleic acid, [1- ¹⁴ C]	50 µCi
ART-198	Oleic acid, [9,10- ³ H]	1 mCi
ARC-527	Oleoyl Coenzyme A, [oleoyl-1- ¹⁴ C]	10 µCi
ART-129	Palmitic acid, [9,10- ³ H(N)]	1 mCi
ART-405	Palmitoleic acid, [9,10- ³ H]	250 µCi
ARC-258	Stearic acid, [1- ¹⁴ C]	50 µCi
ART-297	Stearic acid, [9,10- ³ H]	1 mCi
ARC-1354	Tetracosapentaenoic acid 6,9,12,15,18-[3- ¹⁴ C] (24:5)	10 µCi
ARC-1356	Tetracosapentaenoic acid 9,12,15,18,21-[3- ¹⁴ C] (24:5)	10 µCi
ARC-1208	Tetracosapentaenoic acid 9,12,15,18,21-[1- ¹⁴ C] (24:5,n-3)	50 µCi
ARC-1209	Tetracosatetraenoic acid 9,12,15,18-[1- ¹⁴ C] (24:4,n-6)	50 µCi
ARC-1353	Tetracosatetraenoic acid 9,12,15,18-[3- ¹⁴ C] (24:4)	10 µCi
ARC-1233	5,8-Tetradecadienoic acid [1- ¹⁴ C]	50 µCi
ARC-1232	5-Tetradecenoic acid [1- ¹⁴ C]	50 µCi