

Stable Isotope Labeled

Fatty Acids

ISOTEC offers a full line of Carbon-13, Deuterium, Nitrogen-15, Oxygen-17 and Oxygen-18 labeled compounds. The following list includes a few of the isotopically labeled Fatty Acids available from Isotec.

ISOTEC #	PRODUCT DESCRIPTION	ENRICHMENT
T83-42023	Hexadecanoic Acid- ¹³ C ₁₆ (Palmitic Acid)	99 atom %
T83-42071	Linoleic Acid- ¹³ C ₁₈ (18:2)	99 atom %
T83-42072	Linolenic Acid- ¹³ C ₁₈ (18:3)	99 atom %
T83-42025	Octadecanoic Acid- ¹³ C ₁₈ (Stearic Acid)	~ 99 atom %
T83-42021	Oleic Acid- ¹³ C ₁₈ (18:1)	~ 99 atom %
T83-42054	Tetradecanoic Acid- ¹³ C ₁₄	99 atom %
T83-41001	Purified Fatty Acid-ul- ¹³ C Mixture (free acids)	99 atom %

Technical Information:

Product #T83-41001

Purified Fatty Acid-ul-¹³C Mixture

Typical Mixture Composition

SATURATED FATTY ACIDS	CONFIGURATION (# OF CARBONS:DBL BONDS)	PERCENT (%)
Palmitic	16:0	48-50
Stearic	18:0	1-3
other		0 - 1
UNSATURATED FATTY ACIDS		
Palmitoleic (9=10)	16:1	9 - 12
Oleic (9=10)	18:1	18 - 21
Linoleic (9=10, 12=13)	18:2	16 - 19
Linolenic (6=7, 9=10, 12=13)	18:3	1 - 3
other		0 - 1
TOTAL CHEMICAL PURITY (FREE FATTY ACID CONTENT)		≥99%

Call our Sales Office at 1-800-448-9760 or 1-937-859-1808 to request more information about how Isotec can meet your *labeled compound* needs.

ISOTEC

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