Data Sheet (Cat.No.T37371)



4(Z),7(Z),10(Z),13(Z),16(Z)-Nonadecapentaenoic Acid

Chemical Properties

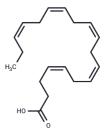
CAS No.: 136156-13-3

Formula: C19H28O2

Molecular Weight: 288.42

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	4(Z),7(Z),10(Z),13(Z),16(Z)-Nonadecapentaenoic acid is an unusual polyunsaturated
	fatty acid (PUFA) generated during the synthesis of docosahexaenoic acid-d5. While the
	physiological properties of this compound are not known, dietary intake of n-3 long-
	chain PUFAs provides potential health benefits.

Solubility Information

Solubility DMF: 100 mg/mL

PBS (pH 7.2): 100 μg/mL

0.15 M Tris-HCl (pH 8.5): 1 mg/mL

Ethanol: 100 mg/mL DMSO: 100 mg/mL

(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

		1mg	5mg	10mg
5 m 10 r	1 mM	3.4672 mL	17.3358 mL	34.6717 mL
	5 mM	0.6934 mL	3.4672 mL	6.9343 mL
	10 mM	0.3467 mL	1.7336 mL	3.4672 mL
	50 mM	0.0693 mL	0.3467 mL	0.6934 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

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