

Linoleic acid alkyne

Chemical Properties

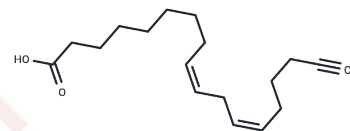
CAS No. : 1219038-31-9

Formula: C₁₈H₂₈O₂

Molecular Weight: 276.42

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

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Linoleic acid alkyne, an ω -alkyne derivative of Linoleic acid, serves as a precursor for synthesizing alkyne-containing compounds, including glycerophospholipids, suited for click chemistry applications [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6177 mL	18.0884 mL	36.1768 mL
5 mM	0.7235 mL	3.6177 mL	7.2354 mL
10 mM	0.3618 mL	1.8088 mL	3.6177 mL
50 mM	0.0724 mL	0.3618 mL	0.7235 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481