

Δ^2 -trans Eicosenoic Acid

Chemical Properties

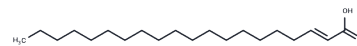
CAS No. : 2127095-72-9

Formula: C₂₀H₃₈O₂

Molecular Weight: 310.5

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	Δ^2 -transEicosenoic acid, an α,β -unsaturated fatty acid, emerges as a by-product during the synthesis of Δ^2 -ciseicosenoic acid, which along with its salts, shows promise in diabetes treatment and lipid metabolism enhancement. Additionally, the compound 2-octadecenoic acid is recognized for its ability to enhance liver function and reduce blood sugar levels in streptozocin-induced diabetic rats.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2206 mL	16.1031 mL	32.2061 mL
5 mM	0.6441 mL	3.2206 mL	6.4412 mL
10 mM	0.3221 mL	1.6103 mL	3.2206 mL
50 mM	0.0644 mL	0.3221 mL	0.6441 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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