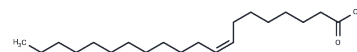


8(Z)-Eicosenoic Acid

Chemical Properties

CAS No. :	76261-96-6
Formula:	C ₂₀ H ₃₈ O ₂
Molecular Weight:	310.522
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	8(Z)-Eicosenoic acid, a cis-unsaturated free fatty acid featuring a 20-carbon chain, enhances acetylcholine (ACh) receptor channel currents without causing depression and augments PCKε phosphorylation of a substrate peptide in Xenopus oocytes. This acid comprises 6% of the fatty acid composition in seed oil extracted from B. collina.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2204 mL	16.102 mL	32.204 mL
5 mM	0.6441 mL	3.2204 mL	6.4408 mL
10 mM	0.322 mL	1.6102 mL	3.2204 mL
50 mM	0.0644 mL	0.322 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.

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