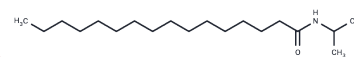


Palmitoylisopropylamide

Chemical Properties

CAS No. :	189939-61-5
Formula:	C19H39NO
Molecular Weight:	297.52
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Palmitoylisopropylamide is a selective FAAH inhibitor that inhibits [H]-AEA uptake and cell proliferation at low concentrations.
Targets(IC50)	Cannabinoid Receptor,Others,FAAH

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3611 mL	16.8056 mL	33.6112 mL
5 mM	0.6722 mL	3.3611 mL	6.7222 mL
10 mM	0.3361 mL	1.6806 mL	3.3611 mL
50 mM	0.0672 mL	0.3361 mL	0.6722 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.

Reference

Jonsson KO, et al. Effects of homologues and analogues of palmitoylethanolamide upon the inactivation of the endocannabinoid anandamide. Br J Pharmacol. 2001 Aug;133(8):1263-75.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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