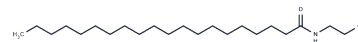


Arachidoyl Ethanolamide

Chemical Properties

CAS No. :	94421-69-9
Formula:	C22H45NO2
Molecular Weight:	355.607
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	Arachidoyl ethanolamide, a saturated fatty acyl ethanolamide lacking classical (CB1/CB2) activity, plays a role in a complex system comprising central cannabinoid (CB1), peripheral cannabinoid (CB2), and non-CB receptor-mediated pharmacology. This system has paved the way for extensive research in diverse fields such as memory, weight loss and appetite, neurodegeneration, tumor surveillance, analgesia, and inflammation. Unlike other compounds, Arachidoyl ethanolamide does not bind to the murine CB1 receptor nor does it compete with anandamide for the fatty acid amide hydrolase, the endocannabinoid hydrolytic enzyme. The non-CB receptor-mediated actions of saturated ethanolamides like Arachidoyl ethanolamide are currently under investigation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8121 mL	14.0603 mL	28.1207 mL
5 mM	0.5624 mL	2.8121 mL	5.6241 mL
10 mM	0.2812 mL	1.406 mL	2.8121 mL
50 mM	0.0562 mL	0.2812 mL	0.5624 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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