

Myristoyl Ethanolamide

Chemical Properties

CAS No. : 142-58-5

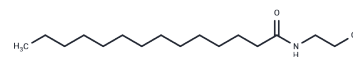
Formula: C16H33NO2

Molecular Weight: 271.44

Keep away from moisture

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	Myristoyl Ethanolamide is an endogenous cannabinoid analog belonging to the fatty acyl ethanolamine family. N-Myristoyl ethanolamine has some physiological activity in the nervous system and is usually detected at low levels in rat cerebrospinal fluid.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6841 mL	18.4203 mL	36.8406 mL
5 mM	0.7368 mL	3.6841 mL	7.3681 mL
10 mM	0.3684 mL	1.842 mL	3.6841 mL
50 mM	0.0737 mL	0.3684 mL	0.7368 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

D Sivaramakrishna, et al. A homologous series of apoptosis-inducing N-acylserinols: Thermotropic phase behavior, interaction with cholesterol and characterization of cationic N-myristoylserinol-cholesterol-CTAB niosomes. Biochim Biophys Acta Biomembr. 2019 Feb 1;1861(2):504-513.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481