

PALDA

Chemical Properties

CAS No. : 136181-87-8

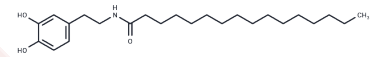
Formula: C₂₄H₄₁NO₃

Molecular Weight: 391.59

Store at low temperature

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	PALDA (N-Palmitoyl dopamine) is a fatty acid dopamine found in the mammalian brain that is inactive against TRPV1 and inactivates at TRPV(1)R. It is used in the study of duodenal ulcers.
Targets(IC50)	Others,Dopamine Receptor,TRP/TRPV Channel

Solubility Information

Solubility	Ethanol: 10 mg/mL (25.54 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5537 mL	12.7685 mL	25.5369 mL
5 mM	0.5107 mL	2.5537 mL	5.1074 mL
10 mM	0.2554 mL	1.2768 mL	2.5537 mL
50 mM	0.0511 mL	0.2554 mL	0.5107 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

Luciano De Petrocellis, et al. Actions of two naturally occurring saturated N-acyldopamines on transient receptor potential vanilloid 1 (TRPV1) channels. Br J Pharmacol. 2004 Sep;143(2):251-6.

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