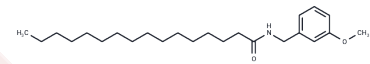


N-(3-Methoxybenzyl)Palmitamide

Chemical Properties

CAS No. :	847361-96-0
Formula:	C ₂₄ H ₄₁ NO ₂
Molecular Weight:	375.59
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	N-(3-Methoxybenzyl)Palmitamide is a promising FAAH inhibitor for the treatment of pain, inflammation, and CNS degenerative disorders.
Targets(IC50)	FAAH

Solubility Information

Solubility	DMSO: 1.22 mg/mL (3.25 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6625 mL	13.3124 mL	26.6248 mL
5 mM	0.5325 mL	2.6625 mL	5.325 mL
10 mM	0.2662 mL	1.3312 mL	2.6625 mL
50 mM	0.0532 mL	0.2662 mL	0.5325 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

Mariam Alamoudi, et al. Inhibitory effect of macamides: N-benzylpalmitamide and N-(3-methoxybenzyl) palmitamide on fatty acid amide hydrolase (FAAH). FASEB J. 1 Apr 2015.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481