

PDP-EA

Chemical Properties

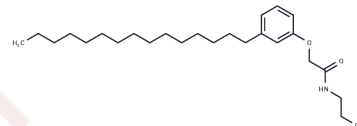
CAS No. : 861891-72-7

Formula: C₂₅H₄₃NO₃

Molecular Weight: 405.61

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	PDP-EA is an activator of fatty acid amide hydrolase (FAAH) and enhances the amidohydrolase activity of FAAH.
Targets (IC ₅₀)	Others, FAAH

Solubility Information

Solubility	DMSO: 4.06 mg/mL (10.01 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	2.4654 mL	12.3271 mL	24.6542 mL
5 mM	0.4931 mL	2.4654 mL	4.9308 mL
10 mM	0.2465 mL	1.2327 mL	2.4654 mL
50 mM	0.0493 mL	0.2465 mL	0.4931 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

Cojutti P, Giangreco M, Isola M, Pea F. Limited sampling strategies for determining the area under the plasma concentration-time curve for isoniazid might be a valuable approach for optimizing treatment in adult patients with tuberculosis. *Int J Antimicrob Agents*. 2017 May 8. pii: S0924-8579(17)30143-7. doi: 10.1016/j.ijantimicag.2017.01.036. [Epub ahead of print] PubMed PMID: 28495479.

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