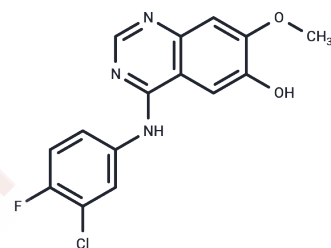


FAAH-IN-2

Chemical Properties

CAS No. :	184475-71-6
Formula:	C ₁₅ H ₁₁ ClFN ₃ O ₂
Molecular Weight:	319.72
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	FAAH-IN-2 (O-Desmorpholinopropyl Gefitinib) is a potent inhibitor of FAAH (fatty acid amide hydrolase).
Targets(IC50)	FAAH, Autophagy

Solubility Information

Solubility	DMSO: 50 mg/mL (156.39 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 2.5 mg/mL (7.82 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1277 mL	15.6387 mL	31.2774 mL
5 mM	0.6255 mL	3.1277 mL	6.2555 mL
10 mM	0.3128 mL	1.5639 mL	3.1277 mL
50 mM	0.0626 mL	0.3128 mL	0.6255 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

Olivier Dasse, et al. Carbamates therapeutic release agents as amidase inhibitors. WO2008100977A2

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