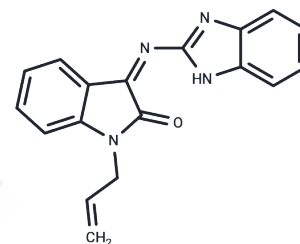


FAAH-IN-8

Chemical Properties

CAS No. : 2867633-84-7
 Formula: C₁₈H₁₄N₄O
 Molecular Weight: 302.33
 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-8 (compound 11) is a competitive inhibitor of FAAH with an IC ₅₀ of 6.7 nM and a K _i of 5 nM. It exhibits high blood-brain permeability and a significant antioxidant profile without neurotoxicity [1].
Targets(IC ₅₀)	FAAH

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3076 mL	16.5382 mL	33.0764 mL
5 mM	0.6615 mL	3.3076 mL	6.6153 mL
10 mM	0.3308 mL	1.6538 mL	3.3076 mL
50 mM	0.0662 mL	0.3308 mL	0.6615 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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