

AZ513

Chemical Properties

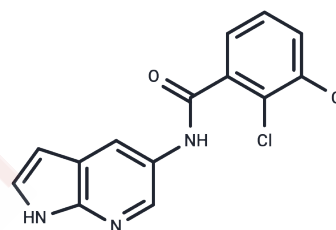
CAS No. : 1335231-15-6

Formula: C₁₄H₉Cl₂N₃O

Molecular Weight: 306.147

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	AZ513 is a reversible FAAH inhibitor, exhibiting an IC ₅₀ of 551 nM for human FAAH and 27 nM for rat FAAH. It inhibits the hydrolysis of arachidonoyl ethanolamide in HEK293 cells transfected with human FAAH, with an IC ₅₀ of 360 nM.
Targets(IC ₅₀)	FAAH

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2664 mL	16.3319 mL	32.6637 mL
5 mM	0.6533 mL	3.2664 mL	6.5327 mL
10 mM	0.3266 mL	1.6332 mL	3.2664 mL
50 mM	0.0653 mL	0.3266 mL	0.6533 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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