

PF-06795071

Chemical Properties

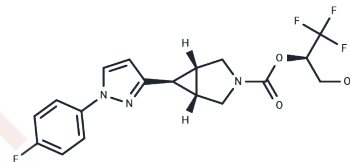
CAS No. : 2075629-81-9

Formula: C₁₈H₁₇F₄N₃O₃

Molecular Weight: 399.34

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	PF-06795071 is an effective and selective covalent inhibitor of MAGL (IC ₅₀ : 3 nM).
Targets(IC ₅₀)	MAGL,Lipase
In vitro	PF-06795071 displays excellent selectivity against FAAH (IC ₅₀ : 3.1 μM)[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5041 mL	12.5207 mL	25.0413 mL
5 mM	0.5008 mL	2.5041 mL	5.0083 mL
10 mM	0.2504 mL	1.2521 mL	2.5041 mL
50 mM	0.0501 mL	0.2504 mL	0.5008 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

McAllister LA, et al. Discovery of Trifluoromethyl Glycol Carbamates as Potent and Selective Covalent Monoacylglycerol Lipase (MAGL) Inhibitors for Treatment of Neuroinflammation. J Med Chem. 2018 Apr 12;61(7): 3008-3026.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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