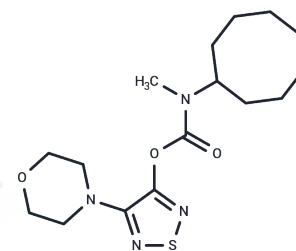


JZP-430

Chemical Properties

CAS No. : 1672691-74-5
 Formula: C₁₆H₂₆N₄O₃S
 Molecular Weight: 354.47
 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	JZP-430 is an effective, highly selective, irreversible inhibitor of α/β -hydrolase domain 6 (ABHD6) (IC ₅₀ : 44 nM). It also shows ~230-fold selectivity over fatty acid amide hydrolase (FAAH) and lysosomal acid lipase (LAL).
Targets(IC ₅₀)	MAGL,Lipase

Solubility Information

Solubility	DMSO: 90 mg/mL (253.9 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	2.8211 mL	14.1056 mL	28.2111 mL
5 mM	0.5642 mL	2.8211 mL	5.6422 mL
10 mM	0.2821 mL	1.4106 mL	2.8211 mL
50 mM	0.0564 mL	0.2821 mL	0.5642 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

Patel JZ, et al. Optimization of 1,2,5-thiadiazole carbamates as potent and selective ABHD6 inhibitors. ChemMedChem. 2015 Feb;10(2):253-65.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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