

KB-74935

Chemical Properties

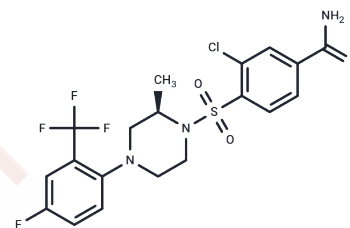
CAS No. : 946398-78-3

Formula: C₁₉H₁₈ClF₄N₃O₃S

Molecular Weight: 479.88

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	KB-74935 is an enzyme inhibitor and a mineralocorticoid receptor antagonist used to treat cholesterol, hypolipidemia, neurological disorders, and Alzheimer's disease.
Targets(IC50)	Others,Dehydrogenase

Solubility Information

Solubility	DMSO: 4.8 mg/mL (10 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	2.0839 mL	10.4193 mL	20.8385 mL
5 mM	0.4168 mL	2.0839 mL	4.1677 mL
10 mM	0.2084 mL	1.0419 mL	2.0839 mL
50 mM	0.0417 mL	0.2084 mL	0.4168 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

Wan ZK, et al. Efficacious 11beta-hydroxysteroid dehydrogenase type I inhibitors in the diet-induced obesity mouse model. J Med Chem. 2009;52(17):5449-546

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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