

FX 2149

Chemical Properties

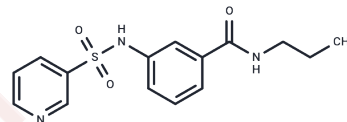
CAS No. : 1842427-90-0

Formula: C₁₅H₁₇N₃O₃S

Molecular Weight: 319.38

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	FX 2149 is a GTP-binding inhibitor that potently inhibits LRRK2 GTP binding and kinase activity in vitro and attenuates the toxic effects of LRRK2 in Parkinson's disease models.
Targets(IC50)	LRRK2

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1311 mL	15.6553 mL	31.3107 mL
5 mM	0.6262 mL	3.1311 mL	6.2621 mL
10 mM	0.3131 mL	1.5655 mL	3.1311 mL
50 mM	0.0626 mL	0.3131 mL	0.6262 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

Cihan-Üstündağ G, et al. Novel 1-benzyl-2-indolinone indole hybrids as tyrosine kinase inhibitors: Design, synthesis, and biological activity evaluation. Eur J Med Chem. 2025 Dec 19;304:118509.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481