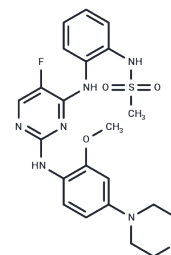


CZC-25146

Chemical Properties

CAS No. : 1191911-26-8
Formula: C22H25FN6O4S
Molecular Weight: 488.54
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	CZC-25146 (ChEMBL2397014) is an effective, specific and metabolically stable LRRK2 inhibitor with IC50 of 4.76/6.87 nM for wild-type LRRK2(Leucine-rich repeat kinase-2) and G2019S LRRK2, respectively.
Targets(IC50)	LRRK2

Solubility Information

Solubility	DMSO: 60 mg/mL (122.81 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0469 mL	10.2346 mL	20.4692 mL
5 mM	0.4094 mL	2.0469 mL	4.0938 mL
10 mM	0.2047 mL	1.0235 mL	2.0469 mL
50 mM	0.0409 mL	0.2047 mL	0.4094 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.

Reference

Ramsden N, et al. ACS Chem Biol. 2011 Oct 21;6(10):1021-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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