

GSK2850163 (S enantiomer)

Chemical Properties

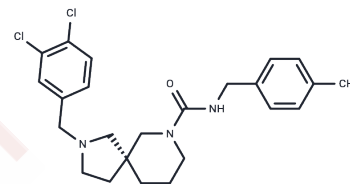
CAS No. : 2309519-81-9

Formula: C₂₄H₂₉Cl₂N₃O

Molecular Weight: 446.41

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	GSK2850163 (S enantiomer) is the inactive enantiomer of GSK2850163. GSK2850163 is a novel inhibitor of inositol-requiring enzyme-1 alpha (IRE1a).
Targets(IC50)	IRE1

Solubility Information

Solubility	DMSO: 4.47 mg/mL (10.01 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	2.2401 mL	11.2005 mL	22.4009 mL
5 mM	0.448 mL	2.2401 mL	4.4802 mL
10 mM	0.224 mL	1.120 mL	2.2401 mL
50 mM	0.0448 mL	0.224 mL	0.448 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

Nestor O. Concha, et al. Long-Range Inhibitor-Induced Conformational Regulation of Human IRE1 α Endoribonuclease Activity. *Molecular Pharmacology* December 2015, 88 (6) 1011-1023.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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