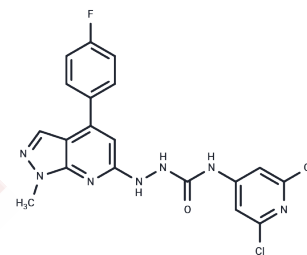


S118

Chemical Properties

CAS No. : 2677041-36-8
 Formula: C₁₉H₁₄Cl₂FN₇O
 Molecular Weight: 446.265
 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	S118 is an orally active inhibitor of the sphingosine-1-phosphate receptor 2 (S1P2 receptor). It prevents the binding of the S1P2 receptor to dapper1 (Dpr1), reduces the accumulation of β -catenin, and blocks the nuclear translocation of the S1P2 receptor. This process inhibits inflammation, fibrosis, and epithelial-mesenchymal transition (EMT), thereby exhibiting anti-idiopathic pulmonary fibrosis (IPF) activity. S118 is considered promising for research in idiopathic pulmonary fibrosis.
Targets(IC50)	Wnt/beta-catenin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2408 mL	11.204 mL	22.408 mL
5 mM	0.4482 mL	2.2408 mL	4.4816 mL
10 mM	0.2241 mL	1.1204 mL	2.2408 mL
50 mM	0.0448 mL	0.2241 mL	0.4482 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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