

ISM5939

Chemical Properties

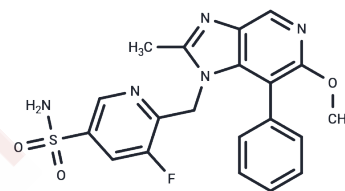
CAS No. : 2965301-60-2

Formula: C₂₀H₁₈FN₅O₃S

Molecular Weight: 427.45

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	ISM5939 is an orally active and selective ENPP1 inhibitor, with an IC ₅₀ value of 0.63 nM for 2,3-cGAMP degradation and 9.28 nM for ATP hydrolysis. Additionally, ISM5939 exhibits antitumor activity.
Targets(IC ₅₀)	PDE

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3395 mL	11.6973 mL	23.3945 mL
5 mM	0.4679 mL	2.3395 mL	4.6789 mL
10 mM	0.2339 mL	1.1697 mL	2.3395 mL
50 mM	0.0468 mL	0.2339 mL	0.4679 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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