

OPB-171775

Chemical Properties

CAS No. : 2131210-15-4

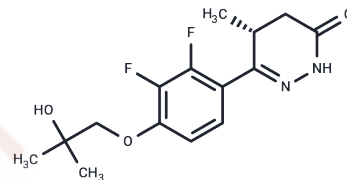
Formula: C₁₅H₁₈F₂N₂O₃

Molecular Weight: 312.31

Keep away from direct sunlight

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

OPB-171775 is a molecular glue that forms a ternary complex with phosphodiesterase 3A (PDE3A) and schlafen family member 12 (SLFN12). This compound induces cell death mediated by SLFN12 RNase, activates the SLFN12 RNase-associated GCN2 signaling pathway, and demonstrates antitumor activity.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2019 mL	16.0097 mL	32.0195 mL
5 mM	0.6404 mL	3.2019 mL	6.4039 mL
10 mM	0.3202 mL	1.601 mL	3.2019 mL
50 mM	0.064 mL	0.3202 mL	0.6404 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

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