

Smurf-1 modulator CMP Example 20

Chemical Properties

CAS No. : 1825371-51-4

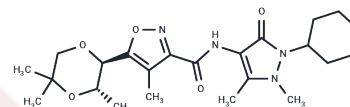
Formula: C₂₃H₃₄N₄O₅

Molecular Weight: 446.54

Store at low temperature

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	Smurf-1 modulator CMP Example 20 (Smurf-1-IN-20) is a potent Smurf-1 modulator.
Targets(IC50)	Others,E1/E2/E3 Enzyme

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2394 mL	11.1972 mL	22.3944 mL
5 mM	0.4479 mL	2.2394 mL	4.4789 mL
10 mM	0.2239 mL	1.1197 mL	2.2394 mL
50 mM	0.0448 mL	0.2239 mL	0.4479 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

Cao, Y., et al. Selective Small Molecule Compounds Increase BMP-2 Responsiveness by Inhibiting Smurf1-mediated Smad1/5 Degradation. Sci Rep 4, 4965 (2014).

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