

Mps1-IN-3 hydrochloride

Chemical Properties

CAS No. :

Formula: C₂₆H₃₂ClN₇O₄S

Molecular Weight: 574.09

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	Mps1-IN-3 hydrochloride is a potent and selective inhibitor of Mps1 (IC ₅₀ : 50 nM) that exhibits inhibitory effects on the proliferation of glioblastoma cells and effectively sensitizes glioblastomas to vincristine in an in situ xenograft tumor model.
Targets(IC ₅₀)	Others,Kinesin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7419 mL	8.7094 mL	17.4189 mL
5 mM	0.3484 mL	1.7419 mL	3.4838 mL
10 mM	0.1742 mL	0.8709 mL	1.7419 mL
50 mM	0.0348 mL	0.1742 mL	0.3484 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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