

c-Met-IN-19

Chemical Properties

CAS No. :

Formula: C₃₄H₃₇Cl₂FN₄O₇S

Molecular Weight: 735.65

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	c-Met-IN-19 (Compound 21j) is a potent c-Met inhibitor with an IC ₅₀ of 1.99 nM, demonstrating cytotoxic effects on various cancer cell lines, including A549, HT-29, SGC-7901, and MDA-MB-231, with IC ₅₀ values of 0.25, 0.36, 0.98, and 0.76 μM, respectively [1].
Targets(IC ₅₀)	c-Met/HGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3593 mL	6.7967 mL	13.5934 mL
5 mM	0.2719 mL	1.3593 mL	2.7187 mL
10 mM	0.1359 mL	0.6797 mL	1.3593 mL
50 mM	0.0272 mL	0.1359 mL	0.2719 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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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481