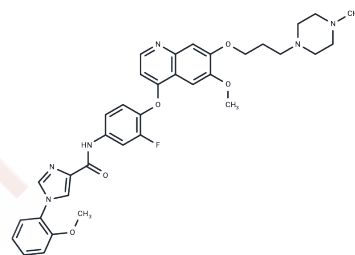


c-met-IN-1

Chemical Properties

CAS No. :	2084836-84-8
Formula:	C ₃₅ H ₃₇ FN ₆ O ₅
Molecular Weight:	640.7
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-1 is a potent and selective c-Met inhibitor (IC ₅₀ : 1.1 nM) with antitumor activity.
Targets(IC ₅₀)	c-Met/HGFR
In vitro	c-met-IN-1 (compound 16) demonstrates high selectivity and significant cytotoxicity against MKN-45, HT-29, and A549 cells with IC ₅₀ values of 0.22 μM, 0.08 μM, and 0.07 μM, respectively.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5608 mL	7.804 mL	15.6079 mL
5 mM	0.3122 mL	1.5608 mL	3.1216 mL
10 mM	0.1561 mL	0.7804 mL	1.5608 mL
50 mM	0.0312 mL	0.1561 mL	0.3122 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

Wang X, et al. Design, synthesis and biological evaluation of novel 4-(2-fluorophenoxy)quinoline derivatives as selective c-Met inhibitors. *Bioorg Med Chem.* 2017 Feb 1;25(3):886-896.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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