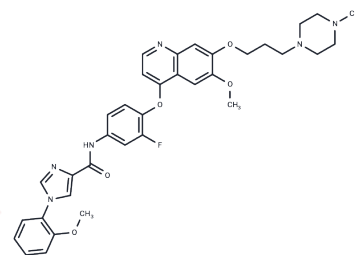


c-met-IN-1

Chemical Properties

CAS No. : 2084836-84-8
Formula: C₃₅H₃₇FN₆O₅
Molecular Weight: 640.7
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



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) exhibits high selectivity and remarkable cytotoxicity against MKN-45, HT-29, and A549 cells (IC ₅₀ s: 0.22 μM, 0.08 μM and 0.07 μM).

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.

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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