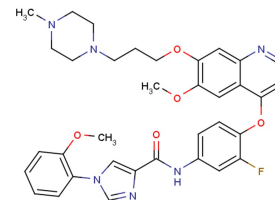


## c-met-IN-1

## Chemical Properties

CAS No.:	2084836-84-8
Formula:	C <sub>35</sub> H <sub>37</sub> FN <sub>6</sub> O <sub>5</sub>
Molecular Weight:	640.7
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	c-met-IN-1 is a potent and selective c-Met inhibitor (IC <sub>50</sub> : 1.1 nM) with antitumor activity.
Targets(IC <sub>50</sub> )	c-Met: 1.1 nM
In vitro	c-met-IN-1 (compound 16) exhibits high selectivity and remarkable cytotoxicity against MKN-45, HT-29, and A549 cells (IC <sub>50</sub> s: 0.22 μM, 0.08 μM and 0.07 μM).

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.561 mL	7.804 mL	15.608 mL
5 mM	0.312 mL	1.561 mL	3.122 mL
10 mM	0.156 mL	0.78 mL	1.561 mL
50 mM	0.031 mL	0.156 mL	0.312 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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