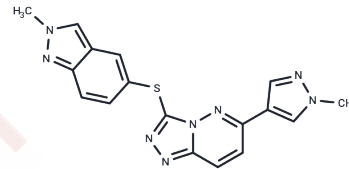


## c-Met inhibitor 1

## Chemical Properties

CAS No. :	1357072-61-7
Formula:	C17H14N8S
Molecular Weight:	362.41
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 inhibitor 1 is a c-Met receptor signaling pathway inhibitor, used for the treatment of cancer including glioblastoma, gastric, and pancreatic cancer.
Targets(IC50)	c-Met/HGFR

## Solubility Information

Solubility	DMSO: 18 mg/mL (49.67 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (5.52 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7593 mL	13.7965 mL	27.5931 mL
5 mM	0.5519 mL	2.7593 mL	5.5186 mL
10 mM	0.2759 mL	1.3797 mL	2.7593 mL
50 mM	0.0552 mL	0.2759 mL	0.5519 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

PCT Int. Appl. (2012), WO 2012015677 A1 20120202.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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