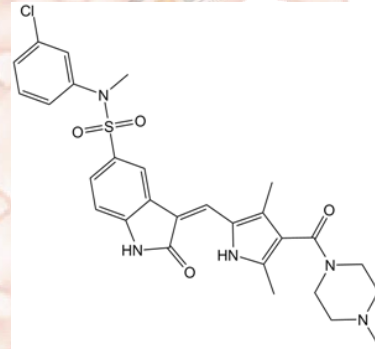


# Product Data Sheet

## SU11274

<b>Cat. No.:</b>	A2678
<b>CAS No.:</b>	658084-23-2
<b>Formula:</b>	C28H30ClN5O4S
<b>M.Wt:</b>	568.09
<b>Synonyms:</b>	
<b>Target:</b>	Tyrosine Kinase
<b>Pathway:</b>	c-MET
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥28.4 mg/mL in DMSO; insoluble in EtOH; insoluble in H<sub>2</sub>O

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	1.7603 mL	8.8014 mL	17.6028 mL
	<b>5 mM</b>	0.3521 mL	1.7603 mL	3.5206 mL
	<b>10 mM</b>	0.1760 mL	0.8801 mL	1.7603 mL

Please refer to the solubility information to select the appropriate solvent.

### Biological Activity

Shortsummary C-Met inhibitor,potent and selective

IC<sub>50</sub> & Target 10 nM (MET)

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

1. Guan C, Qiao S, et al. "Orally administered berberine ameliorates bleomycin-induced pulmonary fibrosis in mice through promoting activation of PPAR- $\gamma$  and subsequent expression of HGF in colons." *Toxicol Appl Pharmacol*. 2018 Mar 15;343:1-15. PMID:29408570
2. Xia Y, Xia YF, et al. "Madecassoside ameliorates bleomycin-induced pulmonary fibrosis in mice through promoting the generation of hepatocyte growth factor via PPAR- $\gamma$  in colon. *Br J Pharmacol*." 2016 Apr;173(7):1219-35. PMID:26750154

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## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

**APExBIO Technology**

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