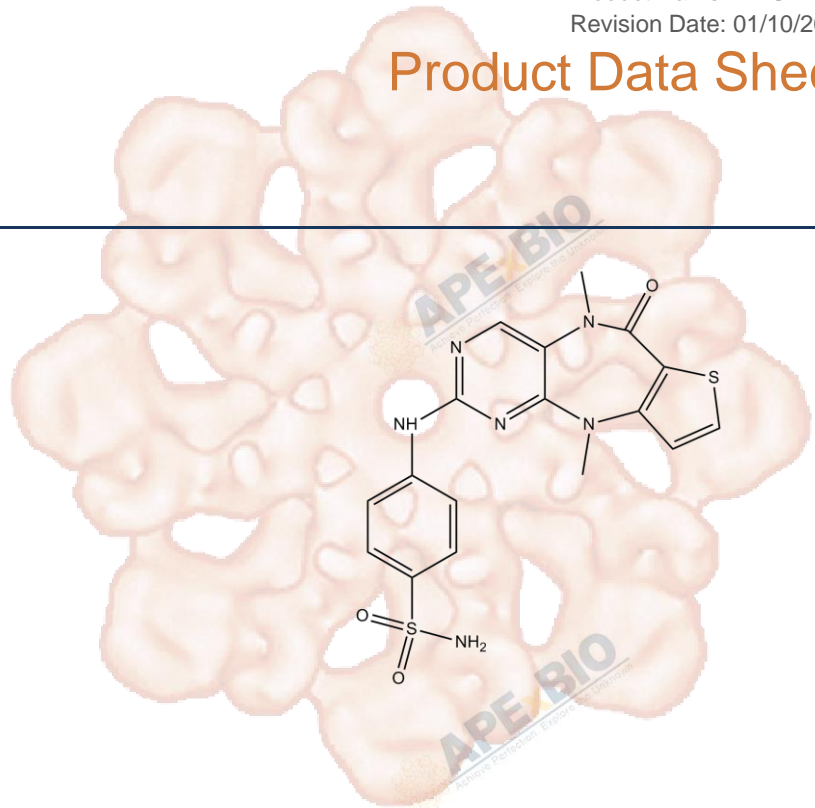


# Product Data Sheet

## XMU-MP-1

<b>Cat. No.:</b>	A8735
<b>CAS No.:</b>	2061980-01-4
<b>Formula:</b>	C <sub>17</sub> H <sub>16</sub> N <sub>6</sub> O <sub>3</sub> S <sub>2</sub>
<b>M.Wt:</b>	416.48
<b>Synonyms:</b>	
<b>Target:</b>	Stem Cell
<b>Pathway:</b>	MST1/2
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

≥41.6 mg/mL in DMSO with gentle warming; insoluble in H<sub>2</sub>O; insoluble in EtOH

In Vitro

Preparing Stock Solutions	Mass			
	Solvent Concentration	1mg	5mg	10mg
	1 mM	2.4011 mL	12.0054 mL	24.0108 mL
	5 mM	0.4802 mL	2.4011 mL	4.8022 mL
	10 mM	0.2401 mL	1.2005 mL	2.4011 mL

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

## Biological Activity

Shortsummary MST1/2 inhibitor, potent and selective

IC<sub>50</sub> & Target

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

Applications:

## Product Citations

1. Yuan L, Liu X, et al. "Optimized HepaRG is a suitable cell source to generate the human liver chimeric mouse model for the chronic hepatitis B virus infection." *Emerg Microbes Infect.* 2018 Aug 10;7(1):144.PMID:30097574
2. Yuan L, Liu X, et al. "A Chimeric Humanized Mouse Model by Engrafting the Human Induced Pluripotent Stem Cell-Derived Hepatocyte-Like Cell for the Chronic Hepatitis B Virus Infection." *Front Microbiol.* 2018 May 8;9:908.PMID:29867819

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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 APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm 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.*

**APEX BIO Technology**

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