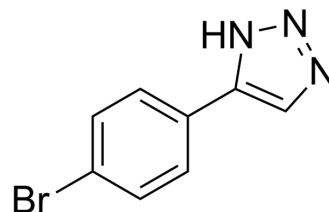


## MetAP2-IN-1

Cat. No.:	HY-128147		
CAS No.:	5301-98-4		
Molecular Formula:	C <sub>8</sub> H <sub>6</sub> BrN <sub>3</sub>		
Molecular Weight:	224.06		
Target:	MetAP		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 50 mg/mL (223.15 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.4631 mL	22.3155 mL	44.6309 mL
	5 mM	0.8926 mL	4.4631 mL	8.9262 mL
	10 mM	0.4463 mL	2.2315 mL	4.4631 mL

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

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 2.5 mg/mL (11.16 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (11.16 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (11.16 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

MetAP2-IN-1 is a MetAP2 inhibitor. MetAP2-IN-1 can be used for research in conditions mediated by angiogenesis<sup>[1]</sup>.

### REFERENCES

[1]. Kallander Lara S., et al. Preparation of 4-phenyl-1H-1,2,3-triazoles as inhibitors of type 2 methionine aminopeptidase (MetAP2). Patent WO2003031434.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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