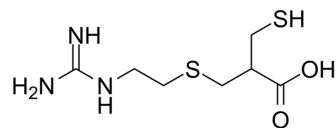


## Mergetpa

Cat. No.:	HY-W704574
CAS No.:	77102-28-4
Molecular Formula:	C <sub>7</sub> H <sub>15</sub> N <sub>3</sub> O <sub>2</sub> S <sub>2</sub>
Molecular Weight:	237.34
Target:	Carboxypeptidase
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 15 mg/mL (63.20 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.2134 mL	21.0668 mL	42.1336 mL
	5 mM	0.8427 mL	4.2134 mL	8.4267 mL
	10 mM	0.4213 mL	2.1067 mL	4.2134 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Mergetpa is a carboxypeptidase inhibitor used to block the conversion of kinins and B2 receptor antagonists to metabolites lacking the C-terminal arginine<sup>[1]</sup>.

### REFERENCES

[1]. D Regoli, et al. Conversion of kinins and their antagonists into B1 receptor activators and blockers in isolated vessels. Eur J Pharmacol. 1986 Aug 15;127(3):219-24.

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

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