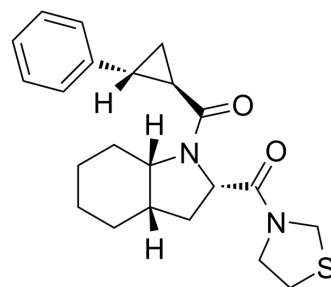


S 17092

Cat. No.:	HY-15114		
CAS No.:	176797-26-5		
Molecular Formula:	C ₂₂ H ₂₈ N ₂ O ₂ S		
Molecular Weight:	384.53		
Target:	Prolyl Endopeptidase (PREP)		
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 : ≥ 100 mg/mL (260.06 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
	1 mM		2.6006 mL	13.0029 mL	26.0058 mL
	5 mM		0.5201 mL	2.6006 mL	5.2012 mL
	10 mM		0.2601 mL	1.3003 mL	2.6006 mL

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

BIOLOGICAL ACTIVITY

Description

S 17092 (S 17092-1) is a potent cerebral prolyl-endopeptidase (PEP) inhibitor with an IC₅₀ of 1.2 nM. S 17092 can be used for the research of memory impairment and cognitive disorders associated with cerebral aging^[1].

REFERENCES

[1]. Philippe Morain, et al. S 17092: a prolyl endopeptidase inhibitor as a potential therapeutic drug for memory impairment. Preclinical and clinical studies. CNS Drug Rev. Spring 2002;8(1):31-52.

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

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