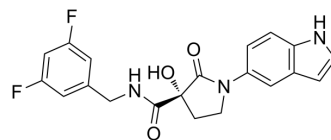


(R)-M8891

Cat. No.:	HY-133016A
CAS No.:	2575547-29-2
Molecular Formula:	C ₂₀ H ₁₇ F ₂ N ₃ O ₃
Molecular Weight:	385.36
Target:	MetAP
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 140 mg/mL (363.30 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	2.5950 mL	12.9749 mL	25.9498 mL
				5 mM	0.5190 mL	2.5950 mL	5.1900 mL
				10 mM	0.2595 mL	1.2975 mL	2.5950 mL
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 3.5 mg/mL (9.08 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 3.5 mg/mL (9.08 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	(R)-M8891 (compound R-9) is a less active isomer of M8891. M8891 is an orally active, reversible and brain penetrant Methionine Aminopeptidase-2 (MetAP-2) inhibitor ^[1] .
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REFERENCES

[1]. Timo Heinrich, et al. Process for manufacturing (s)-3-hydroxy-1-(1h-indol-5-yl)-2-oxo-pyrrolidine-3-carboxylic acid 3,5-difluoro-benzylamide. WO2021001328A1.

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

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