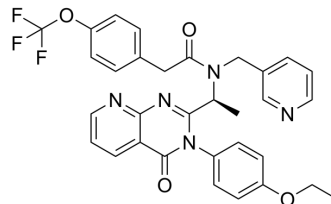


AMG 487 (S-enantiomer)

Cat. No.:	HY-15319B		
CAS No.:	473720-30-8		
Molecular Formula:	C ₃₂ H ₂₈ F ₃ N ₅ O ₄		
Molecular Weight:	603.59		
Target:	CXCR		
Pathway:	GPCR/G Protein; Immunology/Inflammation		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (165.68 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	1.6568 mL	8.2838 mL	16.5675 mL
	5 mM	0.3314 mL	1.6568 mL	3.3135 mL
	10 mM	0.1657 mL	0.8284 mL	1.6568 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: ≥ 7.5 mg/mL (12.43 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	AMG 487 S-enantiomer is the S enantiomer of AMG 487. AMG 487 is an antagonist of the chemokine receptor CXCR3.
IC₅₀ & Target	CXCR3
In Vitro	AMG 487 S-enantiomer (Compound 3.74) is the S enantiomer of AMG 487 ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. CXCR3 ANTAGONISTS. WIPO Patent Application WO/2002/083143

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

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