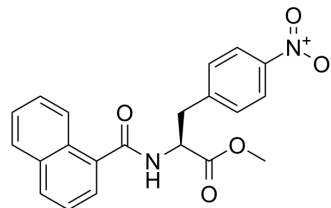


SB-328437

Cat. No.:	HY-103363
CAS No.:	247580-43-4
Molecular Formula:	C ₂₁ H ₁₈ N ₂ O ₅
Molecular Weight:	378.38
Target:	CCR
Pathway:	GPCR/G Protein; Immunology/Inflammation
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 125 mg/mL (330.36 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.6428 mL	13.2142 mL	26.4285 mL
		5 mM	0.5286 mL	2.6428 mL	5.2857 mL
		10 mM	0.2643 mL	1.3214 mL	2.6428 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (5.50 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	SB-328437 is a potent, selective non-peptide CCR3 antagonist with an IC ₅₀ of 4.5 nM ^[1] .
IC ₅₀ & Target	CCR3 4.5 nM (IC ₅₀)

REFERENCES

[1]. White JR, et al. Identification of potent, selective non-peptide CC chemokine receptor-3 antagonist that inhibits eotaxin-, eotaxin-2-, and monocyte chemotactic protein-4-induced eosinophil migration. J Biol Chem. 2000 Nov 24;275(47):36626-31.

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

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