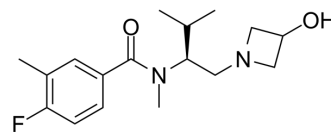


CCR2 antagonist 3

Cat. No.:	HY-101264		
CAS No.:	1380100-86-6		
Molecular Formula:	C ₁₇ H ₂₅ FN ₂ O ₂		
Molecular Weight:	308.39		
Target:	CCR		
Pathway:	GPCR/G Protein; Immunology/Inflammation		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

Methanol : 250 mg/mL (810.66 mM; Need ultrasonic)
 DMSO : 100 mg/mL (324.26 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.2426 mL	16.2132 mL	32.4265 mL
	5 mM	0.6485 mL	3.2426 mL	6.4853 mL
	10 mM	0.3243 mL	1.6213 mL	3.2426 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
 Solubility: ≥ 2.5 mg/mL (8.11 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 2.5 mg/mL (8.11 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (8.11 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

CCR2 antagonist 3 is a chemokine receptor 2 (CCR2) antagonist.

IC₅₀ & Target

CCR2

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

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