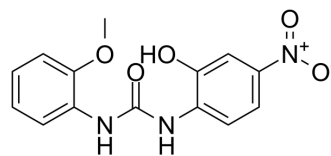


CXCR2 antagonist 8

Cat. No.:	HY-147392		
CAS No.:	182498-30-2		
Molecular Formula:	C ₁₄ H ₁₃ N ₃ O ₅		
Molecular Weight:	303.27		
Target:	CXCR		
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	DMSO : 100 mg/mL (329.74 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	3.2974 mL	16.4870 mL	32.9739 mL
		5 mM	0.6595 mL	3.2974 mL	6.5948 mL
10 mM		0.3297 mL	1.6487 mL	3.2974 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: ≥ 2.5 mg/mL (8.24 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (8.24 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	CXCR2 antagonist 8 is a potent and selective CXCR2 antagonist. CXCR2 antagonist 8 can be used for insulin resistance research ^[1] .
IC ₅₀ & Target	CXCR2

REFERENCES

[1]. Lluís Fajas, et al. Cxcr2 receptor antagonists for the treatment or the prevention of insulin resistance. WO2010092440A1.

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

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