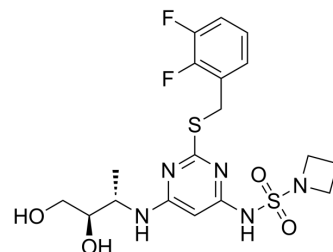


SRT3190

Cat. No.:	HY-13021		
CAS No.:	1204707-73-2		
Molecular Formula:	C ₁₈ H ₂₃ F ₂ N ₅ O ₄ S ₂		
Molecular Weight:	475.53		
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 (210.29 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		2.1029 mL	10.5145 mL	21.0290 mL
	5 mM		0.4206 mL	2.1029 mL	4.2058 mL
	10 mM		0.2103 mL	1.0515 mL	2.1029 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 (5.26 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 2.5 mg/mL (5.26 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (5.26 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

SRT3190 is an antagonist of CXCR2, used in the research of chemokine mediated diseases.

IC₅₀ & Target

CXCR2

In Vitro

SRT3190 (Reference Example 2) is an antagonist of CXCR2, used in the research of chemokine mediated diseases^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Premji Meghani, et al. Pyrimidyl sulfonamide derivative and its use for the treatment of chemokine mediated diseases. WO2010007427A1

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

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