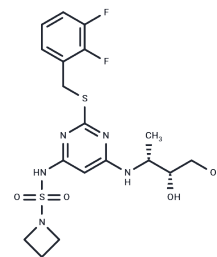


SRT3109

Chemical Properties

CAS No. : 1204707-71-0
 Formula: C₁₈H₂₃F₂N₅O₄S₂
 Molecular Weight: 475.53
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	SRT3109 is a CXCR2 ligand used in the treatment of chemokine mediated diseases and conditions.
Targets(IC50)	CXCR

Solubility Information

Solubility	DMSO: 9 mg/mL (18.93 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (2.1 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1029 mL	10.5146 mL	21.0292 mL
5 mM	0.4206 mL	2.1029 mL	4.2058 mL
10 mM	0.2103 mL	1.0515 mL	2.1029 mL
50 mM	0.0421 mL	0.2103 mL	0.4206 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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

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