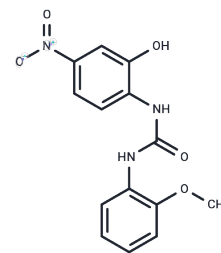


CXCR2 antagonist 8

Chemical Properties

CAS No. :	182498-30-2
Formula:	C ₁₄ H ₁₃ N ₃ O ₅
Molecular Weight:	303.27
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	CXCR2 antagonist 8 is a selective CXCR2 antagonist, which can be used for the treatment and prevention of insulin resistance.
Targets(IC50)	CXCR

Solubility Information

Solubility	DMSO: 80 mg/mL (263.79 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: 3.3 mg/mL (10.88 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	3.2974 mL	16.487 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
50 mM	0.0659 mL	0.3297 mL	0.6595 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

Lluis Fajas, et al. Cxcr2 receptor antagonists for the treatment or the prevention of insulin resistance. WO2010092440A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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