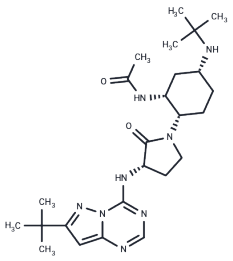
Data Sheet (Cat.No.T4584)

TargetMol

BMS-813160

Chemical Properties



CAS No. : 1286279-29-5

Formula: C25H40N8O2

Molecular Weight: 484.64

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	BMS-813160 is the first dual CCR2/CCR5 antagonist to enter Clinical development for cardiovascular.
Targets(IC50)	CCR

Solubility Information

Solubility	DMSO: 55 mg/mL (113.49 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: 2 mg/mL (4.13 mM),Sonication is recommended. *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.*

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0634 mL	10.3169 mL	20.6339 mL
5 mM	0.4127 mL	2.0634 mL	4.1268 mL
10 mM	0.2063 mL	1.0317 mL	2.0634 mL
50 mM	0.0413 mL	0.2063 mL	0.4127 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

Norman P. et al. A dual CCR2/CCR5 chemokine antagonist, BMS-813160? Evaluation of WO2011046916. Expert Opin Ther Pat. 2011 Dec;21(12):1919-24.

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