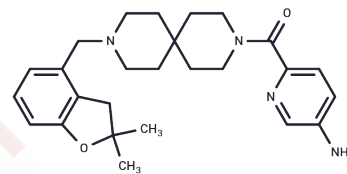


AZ084

## Chemical Properties

CAS No. : 929300-19-6  
 Formula: C<sub>26</sub>H<sub>34</sub>N<sub>4</sub>O<sub>2</sub>  
 Molecular Weight: 434.57  
 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	AZ084 is a potent, selective, allosteric, and orally active CCR8 antagonist (K <sub>i</sub> : 0.9 nM) with potential to treat asthma.
Targets(IC50)	CCR

## Solubility Information

Solubility	DMSO: 240 mg/mL (552.27 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: 5 mg/mL (11.51 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	2.3011 mL	11.5056 mL	23.0113 mL
5 mM	0.4602 mL	2.3011 mL	4.6023 mL
10 mM	0.2301 mL	1.1506 mL	2.3011 mL
50 mM	0.046 mL	0.2301 mL	0.4602 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

Connolly S, et al. Orally bioavailable allosteric CCR8 antagonists inhibit dendritic cell, T cell and eosinophil migration. *Biochem Pharmacol.* 2012 Mar 15;83(6):778-87.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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