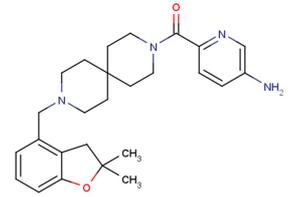


Data Sheet (Cat.No.T10425)

AZ084

Chemical Properties

CAS No.:	929300-19-6
Formula:	C ₂₆ H ₃₄ N ₄ O ₂
Molecular Weight:	434.57
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	AZ084 is a potent, selective, allosteric, and oral active CCR8 antagonist (K _i : 0.9 nM). It has the potential to treat asthma.
Targets(IC ₅₀)	CCR8: 0.9 nM (k _i)

Solubility Information

Solubility	DMSO: 250 mg/mL (575.28 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.301 mL	11.506 mL	23.011 mL
5 mM	0.46 mL	2.301 mL	4.602 mL
10 mM	0.23 mL	1.151 mL	2.301 mL
50 mM	0.046 mL	0.23 mL	0.46 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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