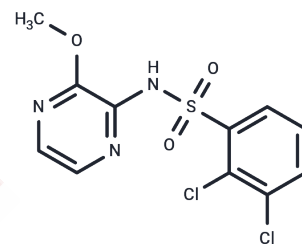


AZD2098

Chemical Properties

CAS No. : 566203-88-1
 Formula: C₁₁H₉Cl₂N₃O₃S
 Molecular Weight: 334.18
 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	AZD2098 is a potent CC-chemokine receptor 4 (CCR4) inhibitor used for asthma research.
Targets(IC50)	CCR

Solubility Information

Solubility	H ₂ O: < 0.1 mg/mL (insoluble), DMSO: 60 mg/mL (179.54 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 (5.98 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	2.9924 mL	14.962 mL	29.924 mL
5 mM	0.5985 mL	2.9924 mL	5.9848 mL
10 mM	0.2992 mL	1.4962 mL	2.9924 mL
50 mM	0.0598 mL	0.2992 mL	0.5985 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

Asher Mullard. Cancer charity sees success re-prioritizing industry's shelved compounds. Nature Reviews Drug Discovery 13, 319-321 (2014)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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