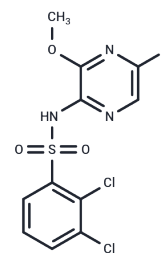


AZD-1678

## Chemical Properties

CAS No. : 942137-41-9  
 Formula: C<sub>11</sub>H<sub>8</sub>Cl<sub>2</sub>FN<sub>3</sub>O<sub>3</sub>S  
 Molecular Weight: 352.17  
 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	AZD-1678, [3-(2-(2-(2-hydroxyethoxy)ethoxy)ethoxy)-2-methoxyphenyl]-(2-(4-((E)-2-(2-(thiophen-3-yl)vinyl)pyrrolidin-1-yl)methyl)benzyl)amine, is a potent CCR4 receptor antagonist.
Targets(IC50)	Others,CCR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8395 mL	14.1977 mL	28.3954 mL
5 mM	0.5679 mL	2.8395 mL	5.6791 mL
10 mM	0.284 mL	1.4198 mL	2.8395 mL
50 mM	0.0568 mL	0.284 mL	0.5679 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

Discovery of AZD-2098 and AZD-1678, Two Potent and Bioavailable CCR4 Receptor Antagonists Nicholas Kindon, Glen Andrews, Andrew Baxter, David Cheshire, Paul Hemsley, Timothy Johnson, Yu-Zhen Liu, Dermot McGinnity, Mark McHale, Antonio Mete, James Reuberson, Bryan Roberts, John Steele, Barry Teobald, John Unitt, Deborah Vaughan, Iain Walters, and Michael J. Stocks Publication Date (Web): September 1, 2017 (Letter) doi: 10.1021/acsmedchemlett.7b00315

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