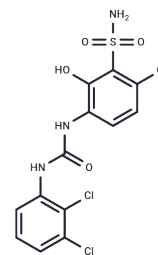


SB-332235

## Chemical Properties

CAS No. : 276702-15-9  
 Formula: C<sub>13</sub>H<sub>10</sub>Cl<sub>3</sub>N<sub>3</sub>O<sub>4</sub>S  
 Molecular Weight: 410.66  
 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	SB-332235 is an effective specific CXCR2 antagonist. And it is effectively inhibited CS-induced neutrophilia in a dose-dependent manner.
Targets(IC50)	Others,CXCR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4351 mL	12.1755 mL	24.351 mL
5 mM	0.487 mL	2.4351 mL	4.8702 mL
10 mM	0.2435 mL	1.2176 mL	2.4351 mL
50 mM	0.0487 mL	0.2435 mL	0.487 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

Wang Y, Luo W, Stricker R, Reiser G. Protease-activated receptor-1 protects rat astrocytes from apoptotic cell death via JNK-mediated release of the chemokine GRO/CINC-1. J Neurochem. 2006 Aug;98(4):1046-60. Epub 2006 Jun 2. PubMed PMID: 16749907.

Stevenson CS, Coote K, Webster R, Johnston H, Atherton HC, Nicholls A, Giddings J, Sugar R, Jackson A, Press NJ, Brown Z, Butler K, Danahay H. Characterization of cigarette smoke-induced inflammatory and mucus hypersecretory changes in rat lung and the role of CXCR2 ligands in mediating this effect. Am J Physiol Lung Cell Mol Physiol. 2005 Mar;288(3):L514-22. Epub 2004 Oct 29. PubMed PMID: 15516486.

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