

Product Name	: SB 332235
Synonyms	: SB332235;SB-332235
Cat No.	: M13846
CAS Number	: 276702-15-9
Molecular Formula	: C ₁₃ H ₁₀ Cl ₃ N ₃ O ₄ S
Formula Weight	: 410.66
Chemical Name	: 6-Chloro-3-[[[(2,3-dichlorophenyl)amino]carbonyl]amino]-2-hydroxybenzenesulfonamide
Description	A potent, selective and competitive CXCR2 inhibitor that selectively inhibits CXCR2-mediated recruitment of β-arrestin-2 with pKi of 8.92; inhibits N-Ac-PGP- and CXCL1-induced neutrophil influx and the increased pulmonary tissue MPO levels in micelung tissue homogenates; effectively inhibits smoke-induced inflammatory and mucus hypersecretory changes in rat lung; also attenuates microglial inflammatory reactivity induced by Aβ1-42 intrahippocampal injection in animal model of Alzheimer's disease.
Pathway	: GPCR/G Protein
Target	: Chemokine Receptor
Receptor	: Chemokine Receptor
Solubility	: —
SMILES	: ClC1=CC=CC(NC(NC2=C(O)C(S(=O)(N)=O)=C(Cl)C=C2)=O)=C1Cl
Storage	: (-20°C)
Stability	: $\geq$ 2 years
Reference	:

1. Braber S, et al. Eur J Pharmacol. 2011 Oct 15;668(3):443-9.| 2. Ryu JK, et al. J Neuroinflammation. 2015 Aug 9;12:144.| 3. Bizzarri C, et al. Pharmacol Ther. 2006 Oct;112(1):139-49.| 4. Stevenson CS, et al. Am J Physiol Lung Cell Mol Physiol. 2005 Mar;288(3):L514-22.