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**Product Data Sheet**

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Product Name: SB 332235

Cat. No.: GC50230

**Chemical Properties**

Cas. No. 276702-15-9

SMILES C1C=C(S(=O)(N)=O)C(O)=C(NC(NC2=C(Cl)C(Cl)=CC=C2)=O)C=C1Formula  $C_{13}H_{10}Cl_3N_3O_4S$  M.Wt 410.66

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Potent CXCR2 antagonist (IC<sub>50</sub> = 7.7 nM). Exhibits 285-fold selectivity for CXCR2 over CXCR1. Reduces leukocyte numbers in synovial fluid in acute and chronic rabbit arthritis models. Also reduces synovial fluid eicosanoid and cytokine levels in a rabbit chronic arthritis model. Inhibits proliferation of AML cell lines in vitro.

Podolin et al (2002) A potent and selective nonpeptide antagonist of CXCR2 inhibits acute and chronic models of arthritis in the rabbit. J.Immunol. 169 6435 PMID:12444152  
|Schinke et al (2015) IL8-CXCR2 pathway inhibition as a therapeutic strategy against MDS and AML stem cells. Blood 125 3144 PMID:25810490

**Caution: Product has not been fully validated for medical applications. For research use only.**

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