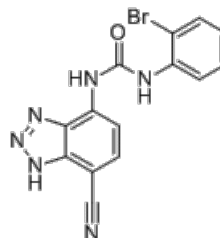


Product Name : SB 265610
Synonyms : SB265610;SB-265610
Cat No. : M13354
CAS Number : 211096-49-0
Molecular Formula : C₁₄H₉BrN₆O
Formula Weight : 357.16
Chemical Name : N-(2-Bromophenyl)-N'-(7-cyano-1H-benzotriazol-4-yl)urea



Description : A potent, selective, reversible CXCR2 antagonist with K_d of 3.48 nM; inhibits protein nitration induced by hyperoxia, reduces radical formation in hyperoxia-exposed newborn rat lung; also induces G1 arrest, and shows anti-proliferative activity in IL8-rich tumor microenvironments.

Pathway : GPCR/G Protein

Target : Chemokine Receptor

Receptor : Chemokine Receptor

Solubility : 100 mM in DMSO

SMILES : O=C(NC1=C2N=NNC2=C(C#N)C=C1)NC3=CC=CC=C3Br

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. de Kruijf P, et al. J Pharmacol Exp Ther. 2009 May;329(2):783-90. | 2. Bradley ME, et al. Br J Pharmacol. 2009 Sep;158(1):328-38. | 3. de Kruijf P, et al. Mol Pharmacol. 2011 Dec;80(6):1108-18. | 4. Goda AE, et al. Anticancer Res. 2015 Jun;35(6):3235-43.