

Product Name : AZD-8309

Synonyms : AZD8309

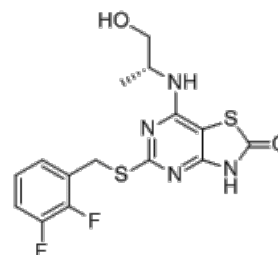
Cat No. : M14126

CAS Number : 333742-48-6

Molecular Formula : C₁₅H₁₄F₂N₄O₂S₂

Formula Weight : 384.42

Chemical Name : (R)-5-((2,3-difluorobenzyl)thio)-7-((1-hydroxypropan-2-yl)amino)thiazolo[4,5-d]pyrimidin-2(3H)-one



Description : AZD-8309 (AZD8309) is a potent and orally bioavailable CXCR2 antagonist that has been proposed to regulate the transmigration of neutrophils; significantly reduces MPO in the pancreas and lungs, and reduces intrapancreatic trypsin and elastase activity in caerulein-pancreatitis; also reduces cathepsin B activity and MPO in taurocholate-pancreatitis; also antagonises the CCR2b receptor but it is 10-fold less potent than at CXCR2. COPD Phase 1 Clinical

Pathway : GPCR/G Protein

Target : Chemokine Receptor

Receptor : Chemokine Receptor

Solubility : —

SMILES : O=C1SC2=C(N[C@@H](C)CO)N=C(SCC3=CC=CC(F)=C3F)N=C2N1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Virtala R, et al. Clin Exp Allergy. 2012 Apr;42(4):590-6. 2. Leaker BR, et al. Respir Res. 2013 Dec 16;14:137. 3. Malla SR, et al. Pancreatology. 2016 Sep-Oct;16(5):761-9.