

Product Name : AZD-4818

Synonyms : AZD4818

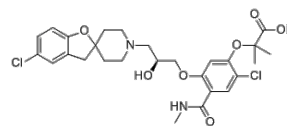
Cat No. : M10031

CAS Number : 1003566-93-5

Molecular Formula : C₂₇H₃₂Cl₂N₂O₇

Formula Weight : 567.46

Chemical Name : 2-[2-Chloro-5-[(2S)-3-(5-chlorospiro[benzofuran-2(3H),4'-piperidin]-1'-yl)-2-hydroxypropoxy]-4-[(methylamino)carbonyl]phenoxy]-2-methylpropanoic acid



Description : AZD-4818 is a highly potent, selective CCR1 antagonist with pIC₅₀ of 8.6, inhibits chemotaxis of human monocytes to MIP-1α in a concentration-dependent manner; significantly reduces neutrophil influx and TNF-α levels on bronchoalveolar lavage (BAL) following intratracheal administration in vivo. COPD Phase 2 Discontinued

Pathway : GPCR/G Protein

Target : Chemokine Receptor

Receptor : Chemokine Receptor

Solubility : —

SMILES : CC(C)(C(=O)O)Oc1cc(c(cc1Cl)C(=O)NC)OC[C@H](CN2CCC3(CC2)Cc4cc(ccc4O3)Cl)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Kerstjens HA, et al. Respir Med. 2010 Sep;104(9):1297-303. | 2. Norman P. Expert Opin Ther Pat. 2009 Nov;19(11):1629-33. | 3. Gilchrist A, et al. Br J Pharmacol. 2014 Nov;171(22):5127-38.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE