

Product Name : GLPG 0974

Synonyms : GLPG0974

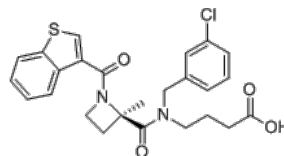
Cat No. : M11618

CAS Number : 1391076-61-1

Molecular Formula : C₂₅H₂₅ClN₂O₄S

Formula Weight : 485.00

Chemical Name : 4-[[[(2R)-1-(Benzo[b]thien-3-ylcarbonyl)-2-methyl-2-azetidinyl]carbonyl][(3-chlorophenyl)]



Description : GLPG 0974 is a potent, selective free fatty acid receptor 2 (FFA2, GPR43) antagonist with IC₅₀ of 95 nM; inhibits acetate-induced neutrophil migration strongly in vitro with IC₅₀ of 27 nM; demonstrates ability to inhibit a neutrophil-based pharmacodynamic (PD) marker, CD11b activation-specific epitope [AE], in a human whole blood assay. Ulcer, Phase 2 Clinical

Pathway : GPCR/G Protein

Target : FFAR

Receptor : FFAR

Solubility : —

SMILES : O=C(O)CCCN(C([C@]1(C)N(C(C2=CSC3=CC=CC=C23)=O)CC1)=O)CC4=CC=CC(Cl)=C4

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Pizzonero M, et al. J Med Chem. 2014 Dec 11;57(23):10044-57. | 2. Sergeev E, et al. J Biol Chem. 2016 Jan 1;291(1):303-17. | 3. Namour F, et al. Br J Clin Pharmacol. 2016 Jul;82(1):139-48.