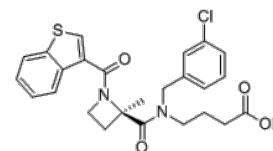


Product Name : GLPG0974
Cat. No. : PC-62591
CAS No. : 1391076-61-1
Molecular Formula : C₂₅H₂₅ClN₂O₄S
Molecular Weight : 484.995
Target : Free Fatty Acid Receptor (FFAR)
Solubility : 10 mM in DMSO



Biological Activity

GLPG0974 is a potent, selective free fatty acid receptor 2 (**FFA2**, **GPR43**) antagonist with IC₅₀ of 95 nM.

GLPG0974 inhibits acetate-induced neutrophil migration strongly in vitro with IC₅₀ of 27 nM.

GLPG0974 demonstrates ability to inhibit a neutrophil-based pharmacodynamic (PD) marker, CD11b activation-specific epitope [AE], in a human whole blood assay.

References

Pizzonero M, et al. *J Med Chem.* 2014 Dec 11;57(23):10044-57.

Sergeev E, et al. *J Biol Chem.* 2016 Jan 1;291(1):303-17.

Namour F, et al. *Br J Clin Pharmacol.* 2016 Jul;82(1):139-48.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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