

Product Name : PF-04191834

Synonyms : PF-4191834

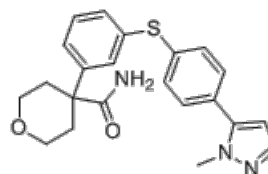
Cat No. : M10139

CAS Number : 1029317-21-2

Molecular Formula : C₂₂H₂₃N₃O₂S

Formula Weight : 393.50

Chemical Name : 4-(3-((4-(1-methyl-1H-pyrazol-5-yl)phenyl)thio)phenyl)tetrahydro-2H-pyran-4-carboxamide



Description : PF-04191834 (PF-4191834) is a potent, non - iron chelating, non - redox, selective and competitive inhibitor of 5-lipoxygenase (5 - LO) with Ki of 10 nM; displays 300 - fold over 12 - LO and 15 - LO, and no inhibition of the cyclooxygenase enzymes; is under clinical investigation for the oral treatment of asthma and pain. Pain Phase 2 Discontinued

Pathway : Immunology/Inflammation

Target : Lipoxygenase

Receptor : Lipoxygenase

Solubility : —

SMILES : O=C(C1(C2=CC=CC(SC3=CC=C(C4=CC=NN4C)C=C3)=C2)CCOCC1)N

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Masferrer JL, et al. J Pharmacol Exp Ther. 2010 Jul;334(1):294-301. | 2. Rzdokiewicz P, et al. Reumatologia. 2016;54(4):161-164. Epub 2016 Oct 5.