

Product Name : Seletalisib

Synonyms : UCB-5857

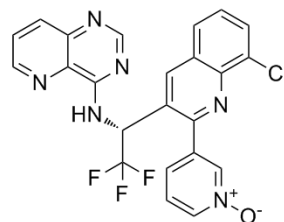
Cat No. : M11495

CAS Number : 1362850-20-1

Molecular Formula : C₂₃H₁₄ClF₃N₆O

Formula Weight : 482.85

Chemical Name : Pyrido[3,2-d]pyrimidin-4-amine, N-[(1R)-1-[8-chloro-2-(1-oxido-3-pyridinyl)-3-quinolinyl]-2,2,2-trifluoroethyl]-



Description : Seletalisib (UCB-5857) is a potent, ATP-competitive, and selective PI3K δ inhibitor with IC₅₀ of 12 nM; shows significant selectivity to PI3K δ with respect to the other class I PI3K isoforms (204-303 fold); blocks AKT phosphorylation following activation of the B-cell receptor in a B-cell line; blocks human T-cell production of several cytokines from activated T-cells, and inhibits B-cell proliferation and cytokine release; dose-dependently inhibits anti-CD3-antibody-induced interleukin 2 release in mice. Psoriasis Phase 3 Clinical

Pathway : PI3K/Akt/mTOR signaling

Target : PI3K

Receptor : PI3K

Solubility : DMSO: $\geq$ 83.3 mg/mL

SMILES : FC(F)(F)[C@@H](C1=CC2=CC=CC(Cl)=C2N=C1C3=CC=C[N+](O-)=C3)NC4=C5C(C=CC=N5)=NC=N4

Storage : (-20°C)

Stability : $\geq$ 2 years

Reference :

1. Allen RA, et al. J Pharmacol Exp Ther. 2017 Jun;361(3):429-440.