

Product Information

PI3K inhibitor Seletalisib, Purity ≥98%

Cat. No.: X24-05-ZQ158

Size: 2 mg; 5 mg; 25 mg

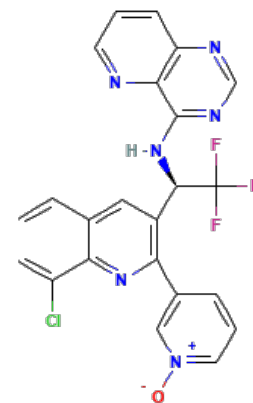
CAS Number: 1362850-20-1

Compound CID: 56928390

Synonym: 1362850-20-1; UCB-5857; UCB 5857; UCB5857; Seletalisib; PI3K

inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Seletalisib, soluble in DMSO and ethanol and insoluble in water, is a potent compound that inhibits PI3 kinase activity. It targets PI3Kδ.
Molecular Weight	482.85
Molecular Formula	C ₂₃ H ₁₄ ClF ₃ N ₆ O
Targets	PI3Kδ: 12 nM
IUPAC Name	<i>N</i> -[<i>(1R)</i> -1-[8-chloro-2-(1-oxopyridin-1-ium-3-yl)quinolin-3-yl]-2,2,2-trifluoroethyl]pyrido[3,2- <i>d</i>]pyrimidin-4-amine
InChI	InChI=1S/C23H14ClF3N6O/c24-16-6-1-4-13-10-15(18(31-19(13)16)14-5-3-9-33(34)11-14)21(23(25,26)27)32-22-20-17(29-12-30-22)7-2-8-28-20/h1-12,21H,(H,29,30,32)/t21-m/s1
InChI Key	LNLJHGXFYUARS-OAQYLSRUSA-N
Canonical SMILES	C1=CC2=CC(=C(N=C2C(=C1)Cl)C3=C[N+](=CC=C3)[O-])C(C(F)(F)F)NC4=NC=NC5=C4N=CC=C5
Isomeric SMILES	C1=CC2=CC(=C(N=C2C(=C1)Cl)C3=C[N+](=CC=C3)[O-])[C@H](C(F)(F)F)NC4=NC=NC5=C4N=CC=C5
Form	Lyophilized powder
Purity	≥98%
Solubility	DMSO: 89 mg/mL (184.32 mM); Water: Insoluble; Ethanol: 89 mg/mL (184.32 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.



Applications

Seletalisib is applied to investigate the selective inhibition of PI3K δ and its therapeutic potential in autoimmune and inflammatory diseases.

Storage

Store at -20°C.
