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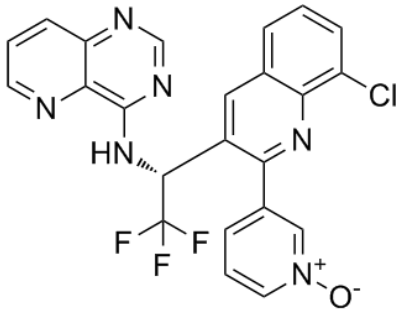
Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	Seletalisib
Cat. No.	:	PC-45071
CAS No.	:	1362850-20-1
Molecular Formula	:	$C_{23}H_{14}ClF_3N_6O$
Molecular Weight	:	482.8451
Target	:	PI3K
Solubility	:	DMSO: ≥83.3 mg/mL



Biological Activity

Seletalisib (UCB-5857) is a potent, ATP-competitive, and selective **PI3Kδ** inhibitor with IC50 of 12 nM.
Seletalisib (UCB-5857) shows significant selectivity to PI3Kδ with respect to the other class I PI3K isoforms (204-303 fold).
Seletalisib (UCB-5857) blocks AKT phosphorylation following activation of the B-cell receptor in a B-cell line.
Seletalisib (UCB-5857) blocks human T-cell production of several cytokines from activated T-cells, and inhibits B-cell proliferation and cytokine release.
Seletalisib (UCB-5857) dose-dependently inhibits anti-CD3-antibody-induced interleukin 2 release in mice.

References

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

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

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