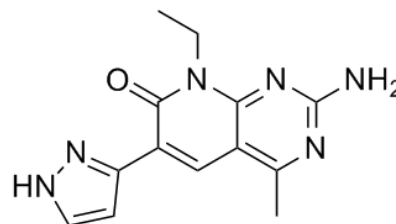


Product Name : Voxtalisib
Cat. No. : PC-44791
CAS No. : 934493-76-2
Molecular Formula : C₁₃H₁₄N₆O
Molecular Weight : 270.2899
Target : PI3K
Solubility : DMSO: 16 mg/mL



Biological Activity

Voxtalisib (XL765, SAR245409) is a potent, highly selective ATP-competitive inhibitor of **class I PI3Ks** with IC₅₀s of 39/110/43/9 nM for p110α/p110β/p110δ/p120γ.

Voxtalisib (XL765, SAR245409) also inhibits mTORC1/mTORC2/DNA-PK (IC₅₀=160/910/150 nM) and shows weak inhibitory activity toward VPS34 (IC₅₀=9.1 uM).

Voxtalisib (XL765, SAR245409) inhibits phosphorylation of AKT, p70S6K, and S6 phosphorylation in multiple tumor cell lines. Voxtalisib (XL765, SAR245409) is orally bioactive in mouse xenograft models.

References

Yu P, et al. *Mol Cancer Ther.* 2014 May;13(5):1078-91.

Papadopoulos KP, et al. *Clin Cancer Res.* 2014 May 1;20(9):2445-56.

Thijssen R, et al. *Leukemia.* 2016 Feb;30(2):337-45.

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

E-mail: tech@probechem.com