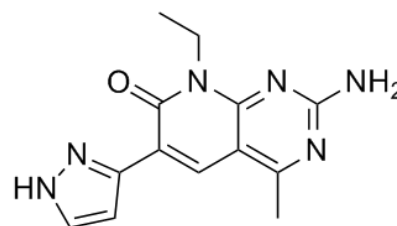


Product Name : Voxtalisib
Cat. No. : PC-44791
CAS No. : 934493-76-2
Molecular Formula : C₁₃H₁₄N₆O
Molecular Weight : 270.2899
Target : PI3K
Solubility : DMSO: 16 mg/mL



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 μM).

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

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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!

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