

Product Name	: Voxtalisib
Synonyms	: XL765; SAR245409; SAR-245409; XL 765; XL-765
Cat No.	: M16680
CAS Number	: 934493-76-2
Molecular Formula	: C ₁₃ H ₁₄ N ₆ O
Formula Weight	: 270.29
Chemical Name	: Pyrido[2,3-d]pyrimidin-7(8H)-one, 2-amino-8-ethyl-4-methyl-6-(1H-pyrazol-3-yl)-
Description	: A potent, highly selective ATP-competitive inhibitor of class I PI3Ks with IC ₅₀ s of 39/110/43/9 nM for p110α/p110β/p110δ/p120γ; also inhibits mTORC1/mTORC2/DNA-PK (IC ₅₀ =160/910/150 nM) and shows weak inhibitory activity toward VPS34 (IC ₅₀ =9.1 μM); inhibits phosphorylation of AKT, p70S6K, and S6 phosphorylation in multiple tumor cell lines; orally bioactive in mouse xenograft models. Solid Tumors Phase 2 Clinical
Pathway	: PI3K/Akt/mTOR signaling
Target	: PI3K
Receptor	: DNA-PK; PI3Kα; PI3Kβ; PI3Kγ; PI3Kδ
Solubility	: DMSO: 16 mg/mL
SMILES	: <chem>O=C1C(C2=CC=NN2)=CC3=C(C)N=C(N)N=C3N1CC</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Yu P, et al. Mol Cancer Ther. 2014 May;13(5):1078-91.| 2. Papadopoulos KP, et al. Clin Cancer Res. 2014 May 1;20(9):2445-56.| 3. Thijssen R, et al. Leukemia. 2016 Feb;30(2):337-45.

