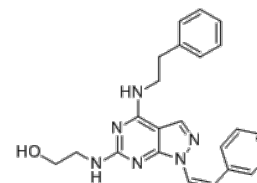


Product Name : SI-113
Cat. No. : PC-70209
CAS No. : 1392816-46-4
Molecular Formula : C₂₃H₂₄N₆O
Molecular Weight : 400.486
Target : SGK
Solubility : 10 mM in DMSO



4. Radi M, et al. *J Med Chem.* 2011 Apr 28;54(8):2610-26.

Biological Activity

SI-113 (SI 113) is a potent, specific inhibitor of the **SGK1 kinase** activity, induces autophagy, apoptosis and ER stress in cancer cells.

SI-113 blocks insulin-dependent phosphorylation of the Sgk1 substrate Mdm2, and induces necrosis and apoptosis in RKO cells.

SI-113 potentiates the effects of paclitaxel on cell viability; active in vivo.

References

D'Antona L, et al. *Cell Physiol Biochem.* 2015;35(5):2006-18.

Talarico C, et al. *Oncotarget.* 2015 Nov 10;6(35):37511-25.

Talarico C, et al. *Oncotarget.* 2016 Mar 29;7(13):15868-84.

