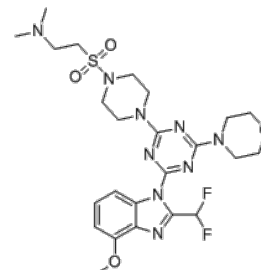


Product Name : SN-32976
Cat. No. : PC-60392
CAS No. : 1246202-11-8
Molecular Formula : C₂₄H₃₃F₂N₉O₄S
Molecular Weight : 581.64
Target : PI3K
Solubility : 10 mM in DMSO



Biological Activity

SN-32976 is a novel, potent and selective class I **PI3K** and **mTOR** inhibitor with IC₅₀ of 15.1/461/110/134/194 nM for PI3K α /PI3K β /PI3K γ /PI3K δ /mTOR, respectively.

SN-32976 displays preferential activity for PI3K α and spares PI3K δ relative to the other inhibitors, and shows less off-target activity in a panel of 442 kinases.

SN-32976 inhibits pAKT expression and cell proliferation at nM concentration, induces a greater extent and duration of pAKT inhibition in tumors than pictilisib, dactolisib and omipalisib in animal models.

References

Rewcastle GW, et al. **Oncotarget**. 2017 May 9. doi: 10.18632/oncotarget.17730.

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

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