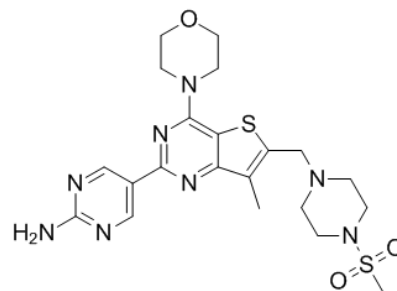


Product Name : GNE-477
Cat. No. : PC-42796
CAS No. : 1032754-81-6
Molecular Formula : C₂₁H₂₈N₈O₃S₂
Molecular Weight : 504.6288
Target : PI3K
Solubility : DMSO: < 9.2 mg/mL



Biological Activity

GNE-477 is a potent, dual **PI3K/mTOR** inhibitor with IC₅₀ of 4 nM for PI3K α , K_i of 21 nM for mTOR. GNE-477 inhibits MCF7.1 cell proliferation with EC₅₀ of 143 nM. GNE-477 displays desirable pharmacokinetic properties, exhibits stasis in a PC3 tumor growth inhibition study.

References

Heffron TP, et al. *Bioorg Med Chem Lett*. 2010 Apr 15;20(8):2408-11.

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

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