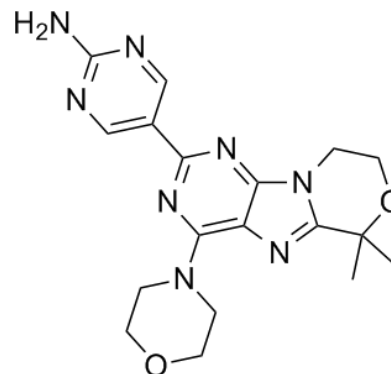


Product Name : GDC-0084
Cat. No. : PC-45766
CAS No. : 1382979-44-3
Molecular Formula : C₁₈H₂₂N₈O₂
Molecular Weight : 382.4197
Target : PI3K
Solubility : DMSO: 6 mg/mL (Need ultrasonic)



Biological Activity

Paxalisib (GDC-0084, RG-7666) is a potent, selective, brain penetrant dual inhibitor of class I **PI3Ks** and **mTOR** with Ki of 2/46/3/10/70 nM for PI3K α / β / δ / γ /mTOR, respectively.

Paxalisib (GDC-0084, RG-7666) is highly selective against a panel of 229 kinases (IC₅₀>1 μ M).

Paxalisib (GDC-0084, RG-7666) shows antiproliferative (EC₅₀ =0.3-1.1 μ M) in 5 GBM cell lines.

Paxalisib (GDC-0084, RG-7666) significantly and dose-dependently inhibits tumor growth in a subcutaneous U87 tumor xenograft model of glioblastoma in mice.

References

Heffron TP, et al. *ACS Med Chem Lett.* 2016 Feb 16;7(4):351-6.

Salphati L, et al. *Drug Metab Dispos.* 2016 Dec;44(12):1881-1889.

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

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