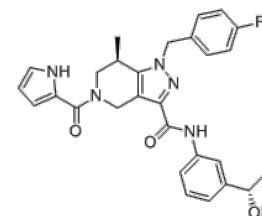


Product Name : GSK321
Cat. No. : PC-70088
CAS No. : 1816331-63-1
Molecular Formula : C₂₈H₂₈FN₅O₃
Molecular Weight : 501.5624
Target : Isocitrate Dehydrogenase (IDH)
Solubility : 10 mM in DMSO



Biological Activity

GSK321 is a highly potent, selective inhibitor of **mutant IDH1** with IC₅₀s of 4.6/3.8/2.9 nM for R132H/R132C/R132G respectively.

GSK321 shows modest activity against WT IDH1 (IC₅₀=46 nM) and exhibits no inhibitory activity against IDH2.

GSK321 inhibits intracellular 2-HG production in HT1080 cells (EC₅₀= 85 nM).

References

Okoye-Okafor UC, et al. *Nat Chem Biol*. 2015 Nov;11(11):878-86.

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

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