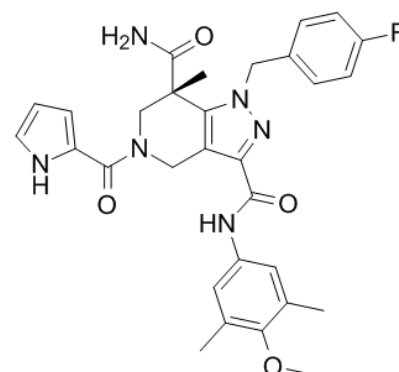


Product Name : GSK864
Cat. No. : PC-45645
CAS No. : 1816331-66-4
Molecular Formula : C₃₀H₃₁FN₆O₄
Molecular Weight : 558.6033
Target : Isocitrate Dehydrogenase (IDH)
Solubility : DMSO: ≥ 100 mg/mL



Biological Activity

GSK864 is a compound structurally related to GSK321 with improved in vivo pharmacokinetic properties, inhibits **IDH1 mutants** R132C, R132H, and R132G with IC₅₀ values of 8.8, 15.2 and 16.6 nM, respectively. GSK864 shows the similar activity (2-HG production in **R132C IDH1 mutant** HT1080 fibrosarcoma cells, EC₅₀ of 320 nM). GSK864 reduces leukemic blasts in vivo.

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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