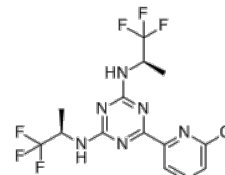


Product Name : Vorasidenib
Cat. No. : PC-60534
CAS No. : 1644545-52-7
Molecular Formula : C₁₄H₁₃ClF₆N₆
Molecular Weight : 414.74
Target : Isocitrate Dehydrogenase (IDH)
Solubility : 10 mM in DMSO



1. Konteatis Z, et al. *ACS Med Chem Lett.* 2020 Jan 22;11(2):101-107.
2. Mellinghoff IK, et al. *N Engl J Med.* 2023 Aug

Biological Activity

Vorasidenib (AG-881) is a potent, oral, brain-penetrant dual inhibitor of **mIDH1** and **mIDH2** with IC₅₀ of 6 nM and 12 nM for IDH1-R132H and IDH2-R140Q, respectively.

Vorasidenib (AG-881) binds both IDH1-R132H and IDH2-R140Q in the same allosteric pocket at the interface of the two monomers.

Vorasidenib (AG-881) (50 mg/kg) inhibits 2-HG levels in an orthotopic grade III mIDH1 glioma model derived from the TS603 neurosphere.

Vorasidenib (AG-881) penetrates the brain of several preclinical species and inhibits 2-HG production in glioma tissue by >97% in an orthotopic glioma mouse model.

Vorasidenib (AG-881) shows for the treatment of several cancers harboring an IDH mutation.

References

17;389(7):589-601.
3. Mellinghoff IK, et al. *Nat Med.* 2023 Mar;29(3):615-622.

