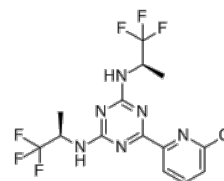


**Product Name** : Vorasidenib  
**Cat. No.** : PC-60534  
**CAS No.** : 1644545-52-7  
**Molecular Formula** : C<sub>14</sub>H<sub>13</sub>ClF<sub>6</sub>N<sub>6</sub>  
**Molecular Weight** : 414.74  
**Target** : Isocitrate Dehydrogenase (IDH)  
**Solubility** : 10 mM in DMSO



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 IC<sub>50</sub> 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.

