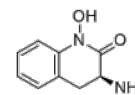


Product Name : PF-04859989
Cat. No. : PC-20567
CAS No. : 34783-48-7
Molecular Formula : C₉H₁₀N₂O₂
Molecular Weight : 178.19
Target : Other Targets
Solubility : 10 mM in DMSO



CAS: 34783-48-7

Biological Activity

PF-04859989 is a potent, selective, brain-penetrant, irreversible inhibitor of human and rat **KAT II** (kynurenine aminotransferase II) with IC₅₀ of 23 and 263 nM, respectively.

PF-04859989 is selective for KAT II over human KAT I, KAT III, and KAT IV (IC₅₀ values of 22, 11, and >50 μM, respectively).

PF-04859989 is capable of reducing brain kynurenic acid by 50% at a dose of 10 mg/kg (sc).

References

Dounay AB, et al. *ACS Med Chem Lett.* 2012 Jan 25;3(3):187-92.

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

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