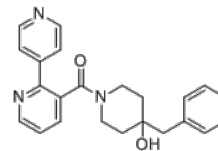


Product Name : Soticlestat
Cat. No. : PC-35466
CAS No. : 1429505-03-2
Molecular Formula : C₂₃H₂₃N₃O₂
Molecular Weight : 373.456
Target : Other Targets
Solubility : 10 mM in DMSO



1. Koike T, et al. *J Med Chem.* 2021 Aug 26;64(16):12228-12244.

Biological Activity

Soticlestat (TAK-935) is a potent, selective, orally active inhibitor for **Cholesterol 24-hydroxylase (CH24H)** with IC₅₀ of 7.4 nM.

Soticlestat (TAK-935) shows negligible inhibition not only for CYP3A4 (IC₅₀=66 000 nM), but also for other CYP enzymes related to drug metabolism (2C8, 2C9, 2D6, 1A2, 2C19).

Soticlestat (TAK-935) showed dose-dependent reduction in 24HC levels in the brain and exhibited significant reduction at 24 h after single-dose administration to mice (33% reduction at 10 mg/kg and 25% reduction at 3 mg/kg from control level, po).

References

