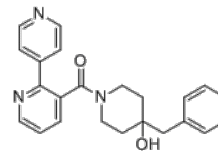


**Product Name** : Soticlestat  
**Cat. No.** : PC-35466  
**CAS No.** : 1429505-03-2  
**Molecular Formula** : C<sub>23</sub>H<sub>23</sub>N<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 373.456  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



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 IC<sub>50</sub> of 7.4 nM.

Soticlestat (TAK-935) shows negligible inhibition not only for CYP3A4 (IC<sub>50</sub>=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

