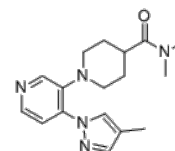


Product Name : CH24H inhibitor 17
Cat. No. : PC-38337
CAS No. : 1613480-70-8
Molecular Formula : C₁₇H₂₃N₅O
Molecular Weight : 313.405
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

CH24H inhibitor 17 is a potent, highly selective, BBB permeable inhibitor of Cholesterol 24-hydroxylase (**CH24H**/CYP46A1) with IC₅₀ of 8.5 nM.

CH24H inhibitor 17 shows excellent selectivity for CYP3A4 as well as CYP2C8, CYP2C9, and CYP2D6 (IC₅₀>10 μM).

CH24H inhibitor 17 reduces 24S-hydroxycholesterol levels in the mouse brain when oral administration treatment with 17 at 30 mg/kg for 3 days.

References

Yuichi Kajita, et al. *J Med Chem.* 2022 Feb 15.

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

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