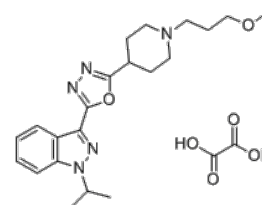


Product Name : Usmarapride
Cat. No. : PC-73299
CAS No. : 1428862-33-2
Molecular Formula : C₂₃H₃₁N₅O₆
Molecular Weight : 473.530
Target : 5-HT Receptor
Solubility : 10 mM in DMSO



Biological Activity

Usmarapride (SUVN-D4010) is a potent, selective, orally active and brain penetrant **5-HT₄** receptor partial agonist with EC₅₀ of 44 nM.

Usmarapride (SUVN-D4010) showed balanced physicochemical-pharmacokinetic properties with robust nonclinical efficacy in cognition models.

Usmarapride (SUVN-D4010) also showed disease-modifying potential, as it increased neuroprotective soluble amyloid precursor protein alpha levels, and dose-dependent target engagement and correlation of efficacy with oral exposures.

References

Nirogi R, et al. *J Med Chem.* 2021 Aug 12;64(15):10641-10665.

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

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