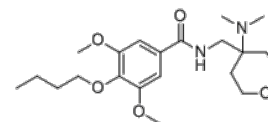


Product Name : Opiranserin
Cat. No. : PC-60526
CAS No. : 1441000-45-8
Molecular Formula : C₂₁H₃₄N₂O₅
Molecular Weight : 394.512
Target : Glycine Transporter (GlyT)
Solubility : 10 mM in DMSO



Biological Activity

Opiranserin (VVZ-149, VVZ-000149) is a potent, selective, mixed glycine **GlyT2 transporter** blocker (IC₅₀= 0.86 uM), purine P2X₃ receptor antagonist (IC₅₀=0.87 uM) and serotonin 5-HT_{2A} receptor antagonist (IC₅₀=1.3 uM). Opiranserin demonstrates analgesic efficacy for postoperative pain.

References

Nedeljkovic SS, et al. *BMJ Open*. 2017 Feb 17;7(2):e011035.

Oh J, et al. *J Clin Pharmacol*. 2018 Jan;58(1):64-73.

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

E-mail: tech@probechem.com