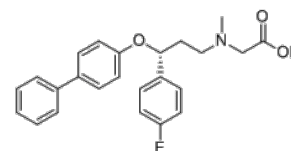


Product Name : ALX5407
Cat. No. : PC-61461
CAS No. : 571147-18-7
Molecular Formula : C₂₄H₂₄FNO₃
Molecular Weight : 393.45
Target : Glycine Transporter (GlyT)
Solubility : 10 mM in DMSO



Biological Activity

ALX 5407 ((+)-NFPS) is a potent, selective **GlyT1** inhibitor that demonstrates >10-fold greater activity in in vitro functional glycine reuptake assay than racemic (±)-NFPS.

ALX 5407 ((+)-NFPS) induces a pattern of c-Fos immunoreactivity comparable with the atypical antipsychotic clozapine and enhanced prepulse inhibition of the acoustic startle response in mice.

References

Kinney GG, et al. *J Neurosci.* 2003 Aug 20;23(20):7586-91.

Huang B, et al. *Cell Physiol Biochem.* 2016;38(5):1952-62.

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

E-mail: tech@probechem.com