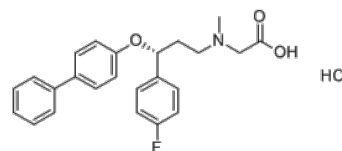


Product Name : ALX-5407 hydrochloride
Cat. No. : PC-62960
CAS No. : 200006-08-2
Molecular Formula : C₂₄H₂₅ClFNO₃
Molecular Weight : 429.916
Target : Glycine Transporter (GlyT)
Solubility : 10 mM in DMSO



Biological Activity

ALX-5407 hydrochloride is a potent, selective, orally active inhibitor of **GlyT1** glycine transporter with IC₅₀ of 3 nM. ALX-5407 has little or no activity at the GlyT2 transporter, at other binding sites for glycine, or at other neurotransmitter transporters.

ALX-5407 increases free glycine levels in rat prefrontal cortex (10 mg/kg, p.o.).

References

Atkinson BN, et al. *Mol Pharmacol*. 2001 Dec;60(6):1414-20.

Perry KW, et al. *Neuropharmacology*. 2008 Oct;55(5):743-54.

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

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