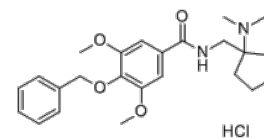


Product Name : Org 25543
Cat. No. : PC-60445
CAS No. : 495076-64-7
Molecular Formula : C₂₄H₃₃ClN₂O₄
Molecular Weight : 448.988
Target : Glycine Transporter (GlyT)
Solubility : 10 mM in DMSO



Biological Activity

Org 25543 is a potent, highly selective glycine transporter 1 (GlyT2) inhibitor with IC₅₀ of 16 nM with negligible affinity for GlyT1.

References

- Morita K, et al. *J Pharmacol Exp Ther.* 2008 Aug;326(2):633-45.
Rousseau F, et al. *J Neurosci.* 2008 Sep 24;28(39):9755-68.
Romei C, et al. *J Neurochem.* 2011 Oct;119(1):50-63.
Mingorance-Le Meur A, et al. *Br J Pharmacol.* 2013 Nov;170(5):1053-63.

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

E-mail: tech@probechem.com