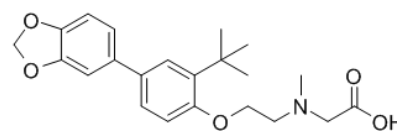


**Product Name** : LY-2365109 hydrochloride  
**Cat. No.** : PC-42145  
**CAS No.** : 1779796-27-8  
**Molecular Formula** : C<sub>22</sub>H<sub>28</sub>ClNO<sub>5</sub>  
**Molecular Weight** : 421.9144  
**Target** : Glycine Transporter (GlyT)  
**Solubility** : DMSO: ≥ 31 mg/mL



H-Cl

### Biological Activity

A potent and selective GlyT1 inhibitor with IC<sub>50</sub> of 15.8 nM, displays no activity for GlyT2 (IC<sub>50</sub>>30 μM); increases cerebrospinal fluid levels of glycine and potentiates NMDA-induced increases in dialysate levels of neurotransmitters in the prefrontal cortex (PFC) and the striatum.

### References

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

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

E-mail: tech@probechem.com