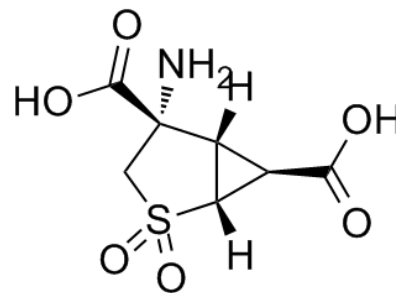


**Product Name** : LY-404039  
**Cat. No.** : PC-45900  
**CAS No.** : 635318-11-5  
**Molecular Formula** : C<sub>7</sub>H<sub>9</sub>NO<sub>6</sub>S  
**Molecular Weight** : 235.2145  
**Target** : mGluR  
**Solubility** : DMSO:1 mg/mL;H<sub>2</sub>O:< 1 mg/mL



### Biological Activity

A potent, selective agonist of mGlu2 and mGlu3 receptors with  $K_i$  of 149 nM and 92 nM, respectively; displays >100-fold selectivity over other ionotropic glutamate receptors, glutamate transporters; suppresses electrically evoked excitatory activity in the striatum, and serotonin-induced l-glutamate release in the prefrontal cortex; reduces alcohol-seeking but not alcohol self-administration in alcohol-preferring (P) rats; oral bioavailable.

Schizophrenia  
Phase 1 Clinical

### References

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Rodd ZA, et al. Behav Brain Res. 2006 Aug 10;171(2):207-15.

Patil ST, et al. Nat Med. 2007 Sep;13(9):1102-7.

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

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