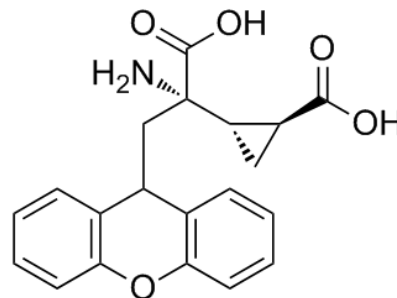


**Product Name** : LY-341495  
**Cat. No.** : PC-45947  
**CAS No.** : 201943-63-7  
**Molecular Formula** : C<sub>20</sub>H<sub>19</sub>NO<sub>5</sub>  
**Molecular Weight** : 353.3686  
**Target** : mGluR  
**Solubility** : 10 mM in DMSO



### Biological Activity

A potent and selective antagonist of the group II mGluRs with IC<sub>50</sub> of 21 nM and 14 nM for mGluR2 and mGluR3, respectively; less effectively blocks mGluR8 and mGluR7 (IC<sub>50</sub>=173 and 990 nM) and weakly antagonizes mGluR1, mGluR5, and mGluR4 (IC<sub>50</sub>s = 6.8, 8.2, and 22 μM); penetrates the blood-brain barrier and has been used to study the roles of mGlu2/3 receptors in the brain.

### References

- Collado I, et al. *Bioorg Med Chem Lett*. 1998 Oct 20;8(20):2849-54.  
Schaffhauser H, et al. *Mol Pharmacol*. 1998 Feb;53(2):228-33.  
Chung DS, et al. *J Pharmacol Exp Ther*. 1997 Nov;283(2):742-9.

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

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