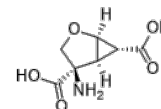


**Product Name** : LY379268  
**Cat. No.** : PC-22899  
**CAS No.** : 191471-52-0  
**Molecular Formula** : C<sub>7</sub>H<sub>9</sub>NO<sub>5</sub>  
**Molecular Weight** : 187.15  
**Target** : mGluR  
**Solubility** : 10 mM in DMSO



## Biological Activity

LY379268 is a potent, selective group II metabotropic glutamate (mGlu) receptor agonist with K<sub>i</sub> of 40.6 nM and 4.7 nM, EC<sub>50</sub> of 3.91 nM and 7.63 nM for mGlu<sub>2</sub> and mGlu<sub>3</sub>, respectively.

LY379268 displays no significant agonist or antagonist activity in cells expressing recombinant human mGlu<sub>1a</sub>, mGlu<sub>5a</sub>, mGlu<sub>4a</sub>, or mGlu<sub>7a</sub> receptors.

LY379268 selectively attenuate phencyclidine versus d-amphetamine motor behaviors in rats.

LY379268 is neuroprotective in gerbil global, but not focal, cerebral ischaemia.

## References

Bond A, et al. *Neurosci Lett*. 1999 Oct 8;273(3):191-4.

Cartmell J, et al. *J Pharmacol Exp Ther*. 1999 Oct;291(1):161-70.

Monn JA, et al. *J Med Chem*. 1999 Mar 25;42(6):1027-40.

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

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