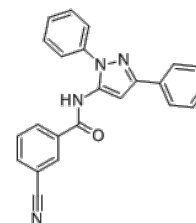


**Product Name** : CDPPB  
**Cat. No.** : PC-62955  
**CAS No.** : 781652-57-1  
**Molecular Formula** : C<sub>23</sub>H<sub>16</sub>N<sub>4</sub>O  
**Molecular Weight** : 364.408  
**Target** : mGluR  
**Solubility** : 10 mM in DMSO



## Biological Activity

CDPPB is a potent, selective, brain penetrant positive allosteric modulator of **mGlu5** receptor with EC<sub>50</sub> of 10 nM and 20 nM for human and rat mGluR5, respectively.

CDPPB reverses amphetamine-induced locomotor activity and amphetamine-induced deficits in prepulse inhibition in rats.

## References

Kinney GG, et al. *J Pharmacol Exp Ther*. 2005 Apr;313(1):199-206.

Chen Y, et al. *Mol Pharmacol*. 2007 May;71(5):1389-98.

Lindsley CW, et al. *J Med Chem*. 2004 Nov 18;47(24):5825-8.

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

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