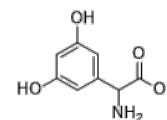


**Product Name** : DHPG  
**Cat. No.** : PC-27165  
**CAS No.** : 146255-66-5  
**Molecular Formula** : C<sub>8</sub>H<sub>9</sub>NO<sub>4</sub>  
**Molecular Weight** : 183.16  
**Target** : mGluR  
**Solubility** : 10 mM in DMSO



## Biological Activity

DHPG (3,5-dihydroxyphenylglycine) is a selective agonist of group I metabotropic glutamate receptor mGluR1/5 with EC<sub>50</sub> of 60 nM for mGluR1, activates the phospholipase C (PLC) pathway and protein kinase C (PKC).

## References

- Winder DG, et al. J Neurochem. 1995 Feb;64(2):592-9.  
Pellegrini-Giampietro DE, et al. Br J Pharmacol. 1996 Jun;118(4):1035-43.  
Hellyer SD, et al. J Neurochem. 2019 Nov;151(3):301-315.

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

E-mail: tech@probechem.com