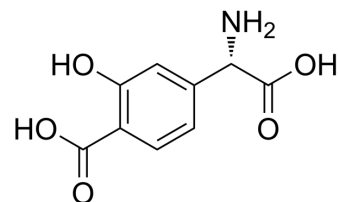


## (S)-4C3HPG

Cat. No.:	HY-100840
CAS No.:	85148-82-9
Molecular Formula:	C <sub>9</sub> H <sub>9</sub> NO <sub>5</sub>
Molecular Weight:	211.17
Target:	mGluR; mGluR; mGluR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

(S)-4C3HPG ((S)-4-Carboxy-3-hydroxyphenylglycine) is an antagonist of metabotropic glutamate receptor 1a (mGluR 1a) and an agonist of GluR2. (S)-4C3HPG has the anticonvulsant activity and protects against audiogenic seizures in DBA/2 mice<sup>[1]</sup>.

### REFERENCES

[1]. C Thomsen, et al. (S)-4-carboxy-3-hydroxyphenylglycine, an antagonist of metabotropic glutamate receptor (mGluR) 1a and an agonist of mGluR2, protects against audiogenic seizures in DBA/2 mice. *J Neurochem.* 1994 Jun;62(6):2492-5.

[2]. Thomsen C, et al. (S)-4-carboxy-3-hydroxyphenylglycine, an antagonist of metabotropic glutamate receptor (mGluR) 1a and an agonist of mGluR2, protects against audiogenic seizures in DBA/2 mice. *J Neurochem.* 1994 Jun;62(6):2492-5.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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