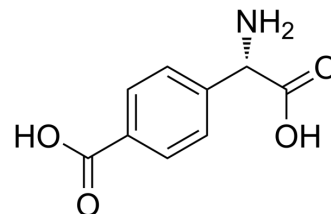


(S)-4CPG

Cat. No.:	HY-100617
CAS No.:	134052-73-6
Molecular Formula:	C ₉ H ₉ NO ₄
Molecular Weight:	195.17
Target:	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)-4CPG ((S)-4-Carboxyphenylglycine) is a potent mGluR2 agonist. (S)-4CPG reduces hyperalgesia and allodynia associated with sciatic nerve contraction injury in rats. (S)-4CPG can be used in research on neurological diseases^{[1][2]}.

REFERENCES

[1]. Hayashi Y, et al. Analysis of agonist and antagonist activities of phenylglycine derivatives for different cloned metabotropic glutamate receptor subtypes. *J Neurosci.* 1994 May;14(5 Pt 2):3370-7.

[2]. Fisher K, et al. Intrathecal administration of the mGluR compound, (S)-4CPG, attenuates hyperalgesia and allodynia associated with sciatic nerve constriction injury in rats. *Pain.* 1998 Jul;77(1):59-66.

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

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