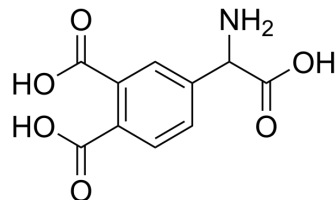


(R,S)-3,4-Dicarboxyphenylglycine

Cat. No.:	HY-107518
CAS No.:	176796-64-8
Molecular Formula:	C ₁₀ H ₉ NO ₆
Molecular Weight:	239.18
Target:	iGluR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(R,S)-3,4-Dicarboxyphenylglycine ((RS)-3,4-DCPG) is an AMPA receptor antagonist. (R,S)-3,4-Dicarboxyphenylglycine antagonizes AMPA-mediated depolarization of motor neurons in neonatal rats. (R,S)-3,4-Dicarboxyphenylglycine can be used in the study of neurological diseases ^[1] .
IC ₅₀ & Target	AMPA ^[1] .

REFERENCES

[1]. Thomas NK, et al. Dicarboxyphenylglycines antagonize AMPA- but not kainate-induced depolarizations in neonatal rat motoneurons. Eur J Pharmacol. 1997 Nov 5;338(2):111-6.

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

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