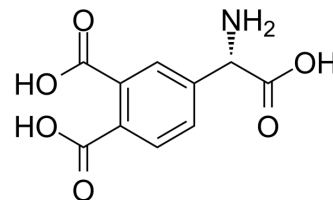


(S)-3,4-DCPG

Cat. No.:	HY-107516		
CAS No.:	201730-11-2		
Molecular Formula:	C ₁₀ H ₉ NO ₆		
Molecular Weight:	239.18		
Target:	mGluR		
Pathway:	GPCR/G Protein; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	(S)-3,4-DCPG is a selective agonist of metabotropic glutamate receptor 8a (mGluR8a) with an EC ₅₀ of 31 nM in AV12-664 cells expressing human mGluR8 ^[1] .
IC ₅₀ & Target	hmGluR8a 31 nM (EC50)

REFERENCES

[1]. Thomas NK, et al. (S)-3,4-DCPG, a potent and selective mGlu8a receptor agonist, activates metabotropic glutamate receptors on primary afferent terminals in the neonatal rat spinal cord. *Neuropharmacology*. 2001 Mar;40(3):311-8.

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

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