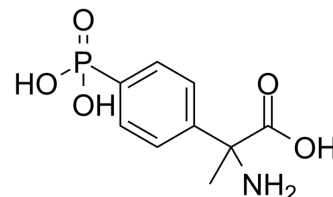


## MPPG

Cat. No.:	HY-101241
CAS No.:	169209-65-8
Molecular Formula:	C <sub>9</sub> H <sub>12</sub> NO <sub>5</sub> P
Molecular Weight:	245.17
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	MPPG is a potent and selective L-AP4-sensitive receptor antagonist with an $K_D$ value of 9.2 $\mu$ M, being tested on the neonatal rat spinal cord <sup>[1]</sup> .
IC <sub>50</sub> & Target	$K_D$ : 9.2 $\mu$ M (L-AP4) <sup>[1]</sup>

## REFERENCES

[1]. Jane DE, et al. New phenylglycine derivatives with potent and selective antagonist activity at presynaptic glutamate receptors in neonatal rat spinal cord. *Neuropharmacology*. 1995;34(8):851-856.

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

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