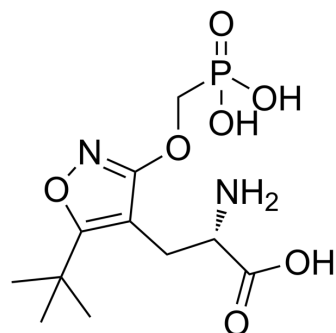


(S)-ATPO

Cat. No.:	HY-19433A
CAS No.:	252930-37-3
Molecular Formula:	C ₁₁ H ₁₉ N ₂ O ₇ P
Molecular Weight:	322.25
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	(S)-ATPO is the (S)-enantiomer of ATPO, which is a competitive antagonist at GluR1-4 (AMPA-preferring) receptors ^[1] .
IC₅₀ & Target	AMPA Receptor
In Vitro	ATPO is a competitive antagonist at GluR1-4 (AMPA-preferring) receptors ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Hogner A, et al. Competitive antagonism of AMPA receptors by ligands of different classes: crystal structure of ATPO bound to the GluR2 ligand-binding core, in comparison with DNQX. *J Med Chem.* 2003;46(2):214-221.

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

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