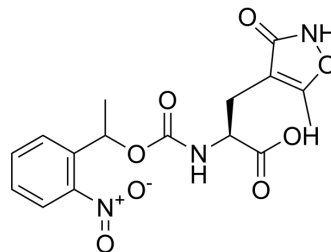


NPEC-caged-(S)-AMPA

Cat. No.:	HY-103235
CAS No.:	1257323-84-4
Molecular Formula:	C ₁₆ H ₁₇ N ₃ O ₈
Molecular Weight:	379.32
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	NPEC- caged-(S)-AMPA, a caged neurotransmitter analog, is a NPEC photoprotecting group caged the (S)-AMPA (HY-100815A) to make caged ligands specific for glutamate receptor sub-types. NPEC- caged-(S)-AMPA selectively activates AMPA receptor ^[1] .
IC ₅₀ & Target	AMPA Receptor

REFERENCES

[1]. Francisco Palma-Cerda, et al. New caged neurotransmitter analogs selective for glutamate receptor sub-types based on methoxynitroindoline and nitrophenylethoxycarbonyl caging groups. *Neuropharmacology*. 2012 Sep;63(4):624-34.

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

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