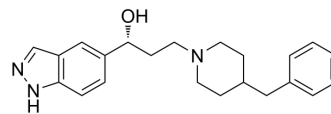


NMDA receptor antagonist 8

Cat. No.:	HY-155185A
Molecular Formula:	C ₂₂ H ₂₇ N ₃ O
Molecular Weight:	349.47
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	NMDA receptor antagonist 8 (Compound (R)-10a) is GluN2B subunit-selective NMDA Receptor antagonist, with an K _i of 265 nM and an IC ₅₀ of 62 nM. NMDA receptor antagonist 8 can be used for research of neurodegenerative diseases ^[1] .
IC ₅₀ & Target	62 nM (GluN2B subunit) ^[1]

REFERENCES

[1]. Lüken J, et al. Indazole as a Phenol Bioisostere: Structure-Affinity Relationships of GluN2B-Selective NMDA Receptor Antagonists. J Med Chem. 2023 Aug 24;66(16):11573-11588.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA