# NMDA receptor antagonist 7

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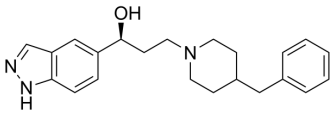
| **Cat. No.:** | HY-155185 |
| **Molecular Formula:** | $C_{22}H_{27}N_3O$ |
| **Molecular Weight:** | 349.47 |
| **Target:** | iGluR |
| **Pathway:** | Membrane Transporter/Ion Channel; Neuronal Signaling |
| **Storage:** | Please store the product under the recommended conditions in the Certificate of Analysis. |




## BIOLOGICAL ACTIVITY

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| **Description** | NMDA receptor antagonist 7 (Compound (S)-10a) is GluN2B subunit-selective NMDA Receptor antagonist, with an $K_i$ of 93 nM and an $IC_{50}$ of 72 nM. NMDA receptor antagonist 7 can be used for research of neurodegenerative diseases[1]. |
| **$IC_{50}$ & Target** | 72 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.



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