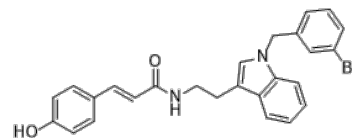


Product Name : GluN2B-NMDAR antagonist-1
Cat. No. : PC-27687
CAS No. : 3043727-74-5
Molecular Formula : C₂₆H₂₃BrN₂O₂
Molecular Weight : 475.39
Target : iGluR
Solubility : 10 mM in DMSO



Biological Activity

GluN2B-NMDAR antagonist-1 (Compound Z25) is a selective **GluN2B** subunit-containing **NMDA receptor** antagonist, inhibits Ca²⁺ influx induced by NMDA.

Z25 increases NMDA-induced down-regulation of p-ERK1/2 expression in SH-SY5Y cells.

Z25 exerts neuroprotective activity by acting on GluN2B-NMDA receptor.

Z25 can improve the cognitive and memory function of mice with cerebral ischemia by oral administration.

References

Quan J, et al. *Eur J Med Chem.* 2023 May 5;253:115318.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com