



---

**Product Data Sheet**


---

Incubation  
Time: 6 h

Result: Increased NMDA-induced down-regulation of p-ERK1/2 expression, and reached the same level as Ifenprodil at 0.5  $\mu$ M.

GluN2B-NMDAR antagonist-1 (Compound Z25) (20-80 mg/kg) ICV-ET1 [1]

Animal Model: ICV-ET1-induced vascular dementia mice model [1]

Dosage: 20, 40, and 80 mg/kg

Administration: Intra gastric administration, daily.

Result: Decreased escape latency and swimming distance.

Animal Model: Mouse (PK Assay) [1]

Dosage: i.v. (1 mg/kg) and p.o. (10 mg/kg)

Administration: i.v., p.o.

Pharmacokinetic profile of Nemvaleukin alfa.

dose (mg/kg)	T <sub>1/2</sub> (h)	C <sub>max</sub> (ng/mL)	Cl (mL/min/kg) F%
p.o. (10 mg/kg)	1.11	181.7	3.12
i.v. (1 mg/kg)	0.67	1913	20.45

[1]. Quan J, et al. Discovery of novel tryptamine derivatives as GluN2B subunit-containing NMDA receptor antagonists via pharmacophore-merging strategy with orally available therapeutic effect of cerebral ischemia. *Eur J Med Chem.* 2023 May 5;253:115318.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---