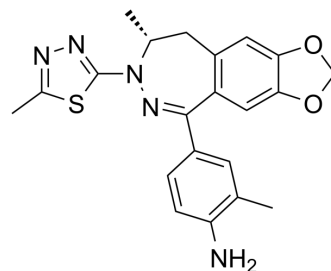


BDZ-g

| | |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Cat. No.: | HY-129030 |
| CAS No.: | 732278-52-3 |
| Molecular Formula: | C ₂₁ H ₂₁ N ₅ O ₂ S |
| Molecular Weight: | 407.49 |
| Target: | iGluR |
| Pathway: | Membrane Transporter/Ion Channel; Neuronal Signaling |
| Storage: | -20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen) |



BIOLOGICAL ACTIVITY

Description

BDZ-g is a potent, selective antagonist of AMPA receptor. BDZ-g has the potential for the research of various neurological disorders involving excessive activity of AMPA receptors^[1].

REFERENCES

[1]. Wang C, et al. Mechanism and site of inhibition of AMPA receptors: pairing a thiaziazole with a 2,3-benzodiazepine scaffold. ACS Chem Neurosci. 2014;5(2):138-147.

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

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