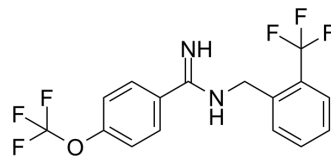


BZAD-01

Cat. No.:	HY-121100
CAS No.:	305339-41-7
Molecular Formula:	C ₁₆ H ₁₂ F ₆ N ₂ O
Molecular Weight:	362.27
Target:	iGluR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

Methanol : 250 mg/mL (690.09 mM; Need ultrasonic)
DMSO : 100 mg/mL (276.04 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		Concentration	1 mg	5 mg	10 mg
	1 mM		2.7604 mL	13.8019 mL	27.6037 mL
	5 mM		0.5521 mL	2.7604 mL	5.5207 mL
	10 mM		0.2760 mL	1.3802 mL	2.7604 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

BZAD-01 is a potent, selective and orally active inhibitor of NMDA NR2B subunit, with a K_i of 72 nM. BZAD-01 can improve postural asymmetry as well as Apomorphine-induced rotation^[1].

REFERENCES

[1]. Truong L, et, al. Behavioural effects of a selective NMDA NR1A/2B receptor antagonist in rats with unilateral 6-OHDA+parafascicular lesions. Brain Res Bull. 2009 Feb 16;78(2-3):91-6.

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

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