

Product Data Sheet

Product Name: BZAD-01

Cat. No.: GC64574

Chemical Properties

Cas. No. 305339-41-7

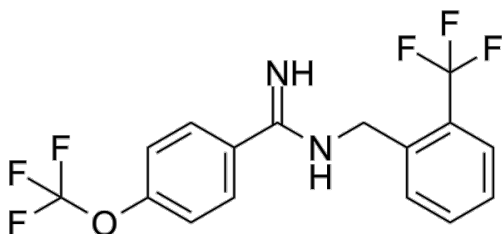
Formula $C_{16}H_{12}F_6N_2O$ M.Wt 362.27

Solubility Methanol : 250 mg/mL (690.09 mM; Storage 4°C, protect from light
Need ultrasonic)|DMSO : 100 mg/mL
(276.04 mM; Need ultrasonic)

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

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].

[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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