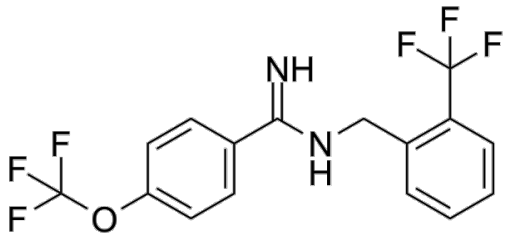
Product Data Sheet

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