

Product Data Sheet

Product Name: GABAA receptor agent 1

Cat. No.: GC60862

Chemical Properties

Cas. No. 1571-87-5

SMILES O=[N+](C1=CC=C2N=C(C3=CC=C(Cl)C=C3)NC2=C1)[O-]

Formula $C_{13}H_8ClN_3O_2$ M.Wt 273.67

Solubility DMSO: 83.33 mg/mL (304.49 mM) Storage Store at -20°C

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.

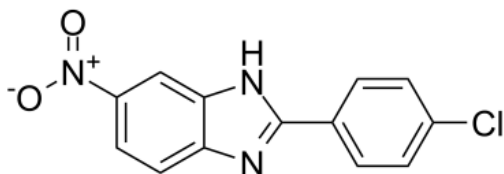
Caution: Product has not been fully validated for medical applications. For research use only.

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

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

Product Data Sheet

Structure



Background

GABAA receptor agent 1 is a high affinity ligand for GABAA receptor, with potent anticonvulsant activity[1].

GABAA receptor agent 1 (30 mg/kg; intraperitoneal) inhibits the maximum electroshock (MES) and pentylenetetrazole (PTZ)-induced convulsions in swiss albino rats[1].

[1]. Jain P, et al. Design, synthesis and biological evaluation of some novel benzimidazole derivatives for their potential anticonvulsant activity. Arch Pharm Res. 2010 Jul;33(7):971-80.

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