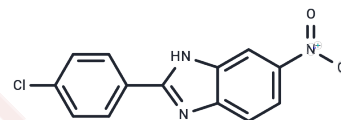


GABAA receptor agent 1

Chemical Properties

CAS No. :	1571-87-5
Formula:	C13H8ClN3O2
Molecular Weight:	273.67
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	GABAA receptor agent 1 has strong anticonvulsant activity and is a high affinity ligand of GABAA receptor.
Targets(IC50)	GABA Receptor

Solubility Information

Solubility	DMSO: 25 mg/mL (91.35 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.654 mL	18.2702 mL	36.5404 mL
5 mM	0.7308 mL	3.654 mL	7.3081 mL
10 mM	0.3654 mL	1.827 mL	3.654 mL
50 mM	0.0731 mL	0.3654 mL	0.7308 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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