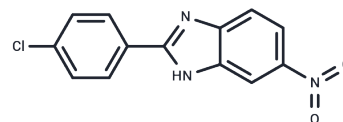


GABAA receptor agent 1

Chemical Properties

CAS No. : 1571-87-5
Formula: C₁₃H₈ClN₃O₂
Molecular Weight: 273.67
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



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), (< 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.

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.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481