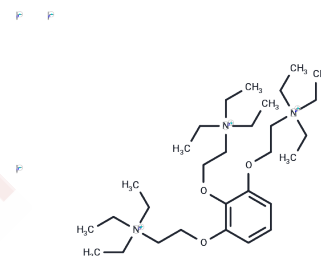


Gallamine triethiodide

Chemical Properties

CAS No. :	65-29-2
Formula:	C30H60I3N3O3
Molecular Weight:	891.53
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	Gallamine triethiodide (Benzkurin), a synthetic inhibiting drug, is nondepolarizing.
Targets(IC50)	AChR

Solubility Information

Solubility	Ethanol: < 1 mg/mL (insoluble or slightly soluble), DMSO: 250 mg/mL (280.42 mM),Sonication is recommended. H2O: 92 mg/mL (103.19 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Saline: 10 mg/mL (11.22 mM),Suspension. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1217 mL	5.6083 mL	11.2167 mL
5 mM	0.2243 mL	1.1217 mL	2.2433 mL
10 mM	0.1122 mL	0.5608 mL	1.1217 mL
50 mM	0.0224 mL	0.1122 mL	0.2243 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

Huang XP, et al. Mol Pharmacol. 2005 Sep;68(3):769-78.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481