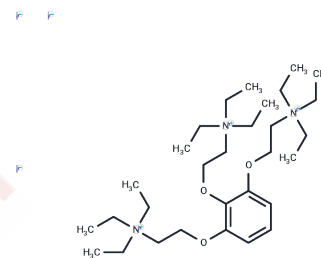


## Gallamine triethiodide

## Chemical Properties

CAS No. :	65-29-2
Formula:	C <sub>30</sub> H <sub>60</sub> I <sub>3</sub> N <sub>3</sub> O <sub>3</sub>
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. H <sub>2</sub> O: 92 mg/mL (103.19 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	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.

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