

Product Data Sheet

Product Name: Gallamine Triethiodide

Cat. No.: GC10972

Chemical Properties

Cas. No. 65-29-2

Chemical Name 2-[2,3-bis[2-(triethylazaniumyl)ethoxy]phenoxy]ethyl-triethylazanium;triiodide

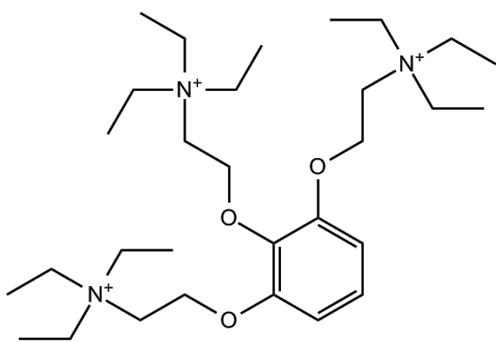
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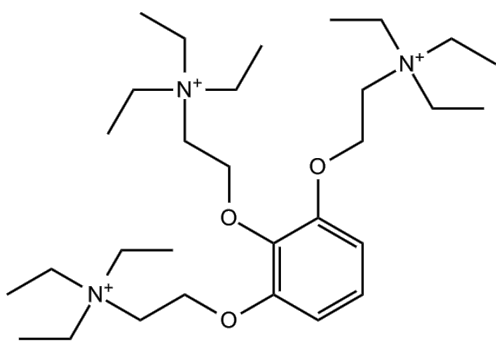
Formula $C_{30}H_{60}I_3N_3O_3$ M.Wt 891.53

Solubility $\geq 44.5765\text{mg/mL}$ in DMSO Storage 4°C , protect from light

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.

Structure 



Background

Gallamine Triethiodide is a synthetic nondepolarizing blocking drug. Target: mAChR

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

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triethiodide is a non-depolarising muscle relaxant. It acts by combining with the cholinergic receptor sites in muscle and competitively blocking the transmitter action of acetylcholine. Gallamine triethiodide has a parasympatholytic effect on the cardiac vagus nerve which causes tachycardia and occasionally hypertension. Very high doses cause histamine release. Gallamine triethiodide is commonly used to stabilize muscle contractions during surgical procedures.

References:

[1]. http://en.wikipedia.org/wiki/Gallamine_triethiodide

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