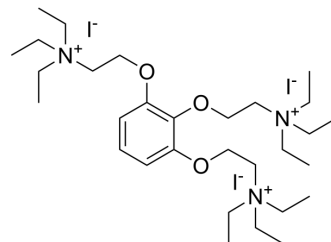


Gallamine Triethiodide

Cat. No.:	HY-B0416
CAS No.:	65-29-2
Molecular Formula:	C ₃₀ H ₆₀ I ₃ N ₃ O ₃
Molecular Weight:	891.53
Target:	mAChR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 30 mg/mL (33.65 mM)
* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	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

Please refer to the solubility information to select the appropriate solvent.

In Vivo

1. Add each solvent one by one: PBS
Solubility: 50 mg/mL (56.08 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

Gallamine Triethiodide is a cholinergic receptor inhibitor and non-depolarizing blocker with an IC₅₀ of 68.0±8.4 μM.

REFERENCES

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

Caution: Product has not been fully validated for medical applications. For research use only.

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