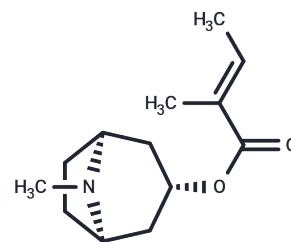


Tigloidin

Chemical Properties

CAS No. :	495-83-0
Formula:	C ₁₃ H ₂₁ NO ₂
Molecular Weight:	223.31
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	Tigloidin is an atropine analog with anticholinergic activity.
Targets(IC50)	Others,AChR
In vivo	Tigloidine hydrobromide (100 mg/kg, i.p.) protects 80% of the animals against the lethal effect. Tigloidine markedly prevents tremor and salivation produced by tremorine at 80-100 mg/kg, but fails to prevent these effects in doses up to 40 mg/kg. Tigloidine (up to 100 mg/kg, i.p) does not significantly affects reserpine and tetrabenazine induced sedation and ptosis in mice. Tigloidine (25-50 mg/kg, i.p.) also fails to cause any behavioral changes in the cats.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4781 mL	22.3904 mL	44.7808 mL
5 mM	0.8956 mL	4.4781 mL	8.9562 mL
10 mM	0.4478 mL	2.239 mL	4.4781 mL
50 mM	0.0896 mL	0.4478 mL	0.8956 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

Sanghvi I, et al. Pharmacology of a potential anti-Parkinson agent: tigloidine. Eur J Pharmacol. 1968 Oct;4(3):246-53.

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