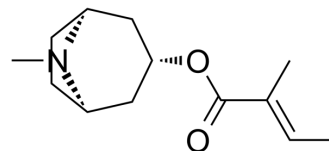


Tigloidin

Cat. No.:	HY-U00082		
CAS No.:	495-83-0		
Molecular Formula:	C ₁₃ H ₂₁ NO ₂		
Molecular Weight:	223.31		
Target:	Others		
Pathway:	Others		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Tigloidin is an analogue of atropine, with anticholinergic activity.
In Vivo	<p>Tigloidine hydrobromide (20-60 mg/kg, i.p.) fails to protect the mice against the lethal effect of physostigmine, but at 100 mg/kg and above, it 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^[1].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

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

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

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