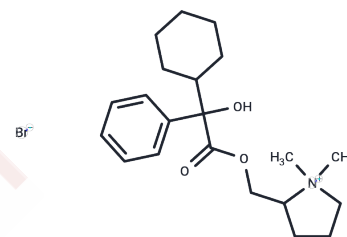


Oxypyrronium bromide

Chemical Properties

CAS No. :	561-43-3
Formula:	C ₂₁ H ₃₂ BrNO ₃
Molecular Weight:	426.395
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	Oxypyrronium bromide is an anticholinergic and spasmolytic agent containing quaternary ammonium. In animal models it inhibited gastric motility, hypotension induced by vagus stimulation or intravenous of acetylcholine; salivation induced by chorda tympani nerve stimulation, and contraction elicited by preganglionic cervical sympathetic nerve stimulation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3452 mL	11.7261 mL	23.4522 mL
5 mM	0.469 mL	2.3452 mL	4.6904 mL
10 mM	0.2345 mL	1.1726 mL	2.3452 mL
50 mM	0.0469 mL	0.2345 mL	0.469 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

- Andre LJ, Zerdani S, Dahmane MA, Bounedjar H, Hartani M, Merioua MA. [Action of oxypyrronium bromide (L 3055) in gastroduodenal ulcer by endoradiosound or Heidelberg's capsule]. Tunis Med. 1967 Sep-Oct;45(5):367-71. French. PubMed PMID: 5623607.
- Reynaud R. [Oxypyrronium bromide in gastro-duodenal pathology and particularly in the treatment of bulbar ulcers]. Maroc Med. 1970 Dec;50(541):736-41. French. PubMed PMID: 5503082.
- Dureux JB, Rauber G, Regnier F, Ruff G. [Clinical experimentation in gastro-duodenal pathology with an anticholinergic, oxypyrronium bromide. Objective evaluation of its action on gastric secretion]. Ann Med Nancy. 1965 Jun-Jul;4:633-41. French. PubMed PMID: 5839672.

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