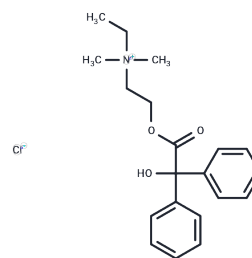


Lachesine chloride

Chemical Properties

CAS No. :	1164-38-1
Formula:	C ₂₀ H ₂₆ ClNO ₃
Molecular Weight:	363.88
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	Lachesine chloride is a new mydriatic.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7482 mL	13.7408 mL	27.4816 mL
5 mM	0.5496 mL	2.7482 mL	5.4963 mL
10 mM	0.2748 mL	1.3741 mL	2.7482 mL
50 mM	0.055 mL	0.2748 mL	0.5496 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

- FELDMAN JB. E-3--Lachesine. Am J Ophthalmol. 1951 Mar;34(3):442-3. PubMed PMID: 14819163.
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 LAW BB. Atropine and lachesine. Pharm J. 1946 Oct 5;103(4327):215. PubMed PMID: 21002928.
 Reasbeck PG, Young JM. Interaction of benzylcholine mustard, benzylcholine and lachesine with the histamine receptor in the longitudinal muscle of guinea-pig ileum. Br J Pharmacol. 1973 May;48(1):148-55. PubMed PMID: 4724186; PubMed Central PMCID: PMC1776109.

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