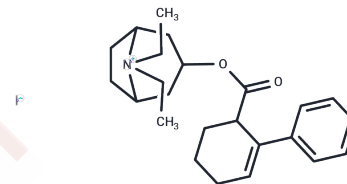


LG 50643

## Chemical Properties

CAS No. : 111372-42-0  
 Formula: C<sub>24</sub>H<sub>34</sub>INO<sub>2</sub>  
 Molecular Weight: 495.44  
 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	LG 50643 is a muscarinic antagonist.
Targets(IC50)	Others,AChR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0184 mL	10.092 mL	20.1841 mL
5 mM	0.4037 mL	2.0184 mL	4.0368 mL
10 mM	0.2018 mL	1.0092 mL	2.0184 mL
50 mM	0.0404 mL	0.2018 mL	0.4037 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

D'Agostino G, Renzetti AR, Zonta F, Subissi A. Selectivity of LG50643 for postjunctional muscarinic-receptor subtype in the guinea-pig trachea. J Pharm Pharmacol. 1994 May;46(5):332-6. PubMed PMID: 8083801.

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