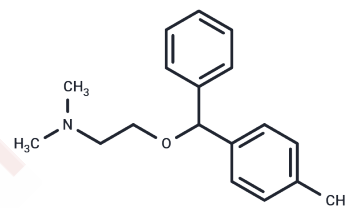


## Toladryl

## Chemical Properties

CAS No. :	19804-27-4
Formula:	C <sub>18</sub> H <sub>23</sub> NO
Molecular Weight:	269.38
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	Toladryl is a derivative of Diphenhydramine that can cross the blood-brain barrier and exhibits oral activity, with antihistamine and anticholinergic properties. Its anticholinergic effects are approximately a tenth of those seen with Diphenhydramine, yet it offers 2-4 times the protection against lethal doses of histamine in guinea pigs. The side effects of Toladryl are fewer and milder compared to Diphenhydramine; however, at higher doses, it may cause symptoms such as insomnia, agitation, and disorientation related to the central nervous system. Toladryl is utilized in the research of allergic diseases.
Targets(IC50)	Endogenous Metabolite,Histamine Receptor,iGluR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7122 mL	18.5611 mL	37.1223 mL
5 mM	0.7424 mL	3.7122 mL	7.4245 mL
10 mM	0.3712 mL	1.8561 mL	3.7122 mL
50 mM	0.0742 mL	0.3712 mL	0.7424 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.

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