

Diphenhydramine (hydrochloride)

Catalog No: tcsc2340



Available Sizes

Size: 250mg

Size: 500mg

Size: 5g



Specifications

CAS No:

147-24-0

Formula:

$C_{17}H_{22}ClNO$

Pathway:

Immunology/Inflammation;GPCR/G Protein

Target:

Histamine Receptor;Histamine Receptor

Purity / Grade:

>98%

Solubility:

DMSO : 18 mg/mL (61.68 mM; Need ultrasonic and warming)

Alternative Names:

DPH

Observed Molecular Weight:

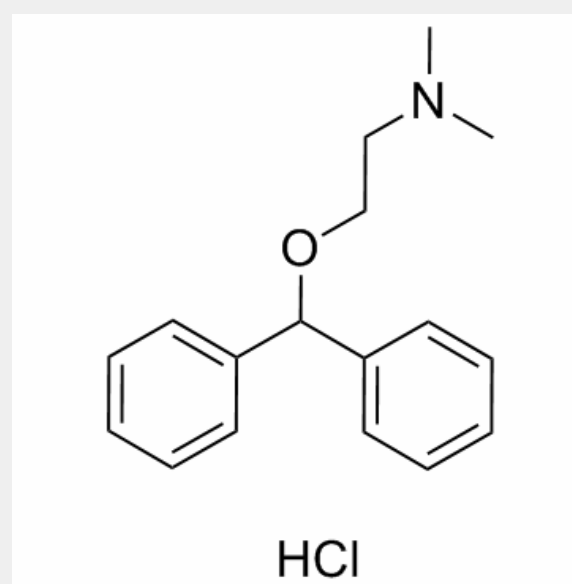
291.82

Product Description

Diphenhydramine HCl (Benadryl), a histamine H1 antagonist used as an antiemetic, antitussive, for dermatoses and pruritus, for hypersensitivity reactions, as a hypnotic, an antiparkinson, and as an ingredient in common cold preparations.

Target: Histamine H1 receptor

Diphenhydramine HCl (Benadryl), a histamine H1 antagonist used as an antiemetic, antitussive, for dermatoses and pruritus, for hypersensitivity reactions, as a hypnotic, an antiparkinson, and as an ingredient in common cold preparations. It has some undesired antimuscarinic and sedative effects. Diphenhydramine competes with free histamine for binding at HA-receptor sites. This antagonizes the effects of histamine on HA-receptors, leading to a reduction of the negative symptoms brought on by histamine HA-receptor binding.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!