

# Tropicamide

Catalog No: tcsc2362



## Available Sizes

**Size:** 100mg

**Size:** 500mg



## Specifications

**CAS No:**

1508-75-4

**Formula:**

$C_{17}H_{20}N_2O_2$

**Pathway:**

Neuronal Signaling;GPCR/G Protein

**Target:**

mAChR;mAChR

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Alternative Names:**

Ro 1-7683

**Observed Molecular Weight:**

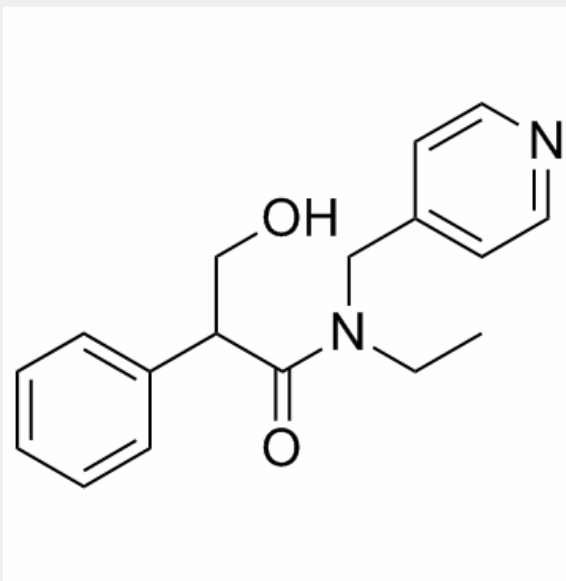
284.35

## Product Description

Tropicamide is an anticholinergic and a muscarinic receptor subtype M4-preferring antagonist .

Target: mAChR

Tropicamide is an antimuscarinic drug that produces short acting mydriasis (dilation of the pupil) and cycloplegia when applied as eye drops. It is used to allow better examination of the lens, vitreous humor, and retina. Due to its relatively short duration of effect (4-8 hours), it is typically used during eye examinations such as the dilated fundus examination, but it may also be used before or after eye surgery. Cycloplegic drops are often also used to treat anterior uveitis, decreasing risk of posterior synechiae and decreasing inflammation in the anterior chamber of the eye [1-3].



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