

Atropine (sulfate monohydrate)

Catalog No: tcsc2480



Available Sizes

Size: 100mg



Specifications

CAS No:

5908-99-6

Formula:

$C_{17}H_{25}NO_7S$

Pathway:

Neuronal Signaling;GPCR/G Protein;Autophagy

Target:

mAChR;mAChR;Autophagy

Purity / Grade:

>98%

Solubility:

DMSO : 62 mg/mL (160.02 mM; Need ultrasonic and warming)

Alternative Names:

Atropine sulfate hydrate

Observed Molecular Weight:

387.45

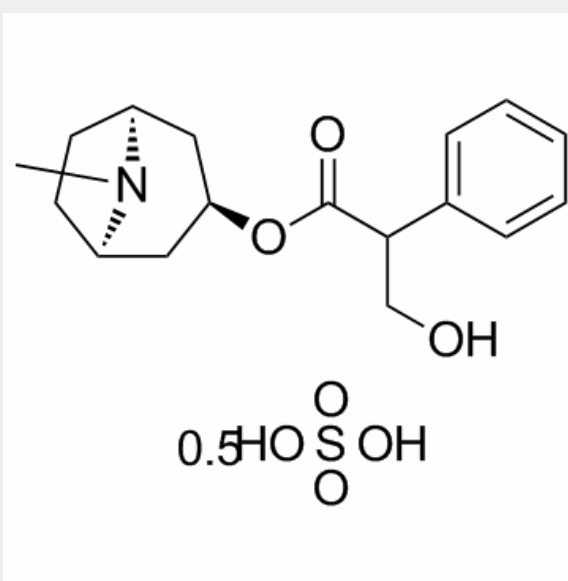
Product Description

Atropine sulfate monohydrate is a competitive muscarinic acetylcholine receptor antagonist.

Target: mAChR

Atropine is a naturally occurring tropane alkaloid extracted from deadly nightshade (*Atropa belladonna*), Jimson weed (*Datura*

stramonium), mandrake (*Mandragora officinarum*) and other plants of the family Solanaceae. Atropine is a competitive antagonist of the muscarinic acetylcholine receptors (acetylcholine being the main neurotransmitter used by the parasympathetic nervous system). Atropine dilates the pupils, increases heart rate, and reduces salivation and other secretions [1].



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