

Trospium (chloride)

Catalog No: tcsc2572



Available Sizes

Size: 50mg

Size: 100mg



Specifications

CAS No:

10405-02-4

Formula:

$C_{25}H_{30}ClNO_3$

Pathway:

Neuronal Signaling;GPCR/G Protein

Target:

mAChR;mAChR

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

427.96

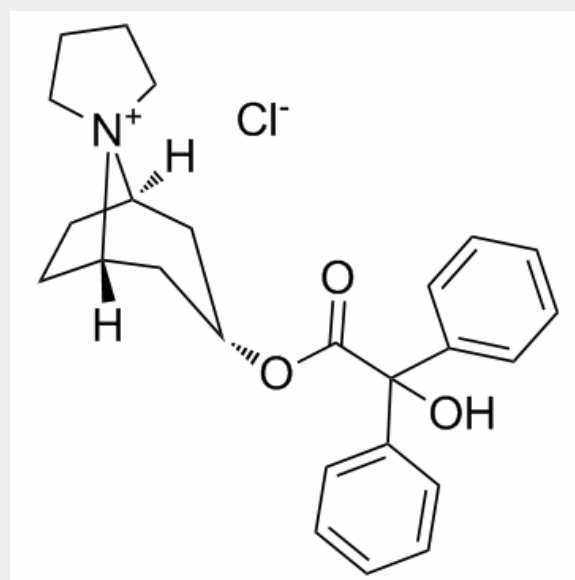
Product Description

Trospium Chloride is a competitive muscarinic cholinergic receptor antagonist.

Target: mAChR

Trospium chloride is an antimuscarinic agent indicated for the treatment of overactive bladder with symptoms of urge urinary incontinence, urgency, and urinary frequency. Trospium has pharmacologic properties that are distinct from other antimuscarinic

agents [1]. After oral administration, absorption of the hydrophilic trospium chloride is slow and incomplete. Peak plasma concentrations (C_{max}) of approximately 4 ng/mL are reached 4-5 hours after administration of a 20 mg immediate-release preparation. The mean bioavailability is approximately 10% and decreases by concomitant food intake (to a mean of 26% of the fasting area under the plasma concentration-time curve [AUC]). Trospium chloride displays dose proportional increases in AUC and C_{max} after a single dose within the clinically relevant dose range (20-60 mg). The mean volume of distribution is approximately 350-800 L [2].



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