

Bethanechol (chloride)

Catalog No: tcsc2506



Available Sizes

Size: 200mg

Size: 5g



Specifications

CAS No:

590-63-6

Formula:

$C_7H_{17}ClN_2O_2$

Pathway:

Neuronal Signaling;GPCR/G Protein

Target:

mAChR;mAChR

Purity / Grade:

>98%

Solubility:

H₂O : ≥ 50 mg/mL (254.22 mM); DMSO : 11.11 mg/mL (56.49 mM; Need ultrasonic)

Alternative Names:

Carbamyl-β-methylcholine chloride

Observed Molecular Weight:

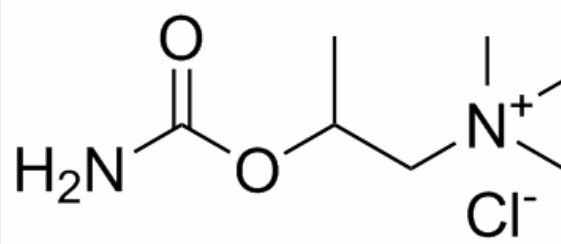
196.68

Product Description

Bethanechol Chloride is a selective muscarinic receptor agonist without any effect on nicotinic receptors.

Target: mAChR

Bethanechol is a parasympathomimetic choline carbamate that selectively stimulates muscarinic receptors without any effect on nicotinic receptors. Unlike acetylcholine, bethanechol is not hydrolyzed by cholinesterase and will therefore have a long duration of action. Oral bethanechol significantly improves contraction pressures and bolus transit in the smooth muscle portion of the esophagus in patients with severe IEM [1]. Bethanechol has potential benefit in the treatment of cerebral palsy [2].



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