

## Benzethonium chloride

Catalog No: #S0401

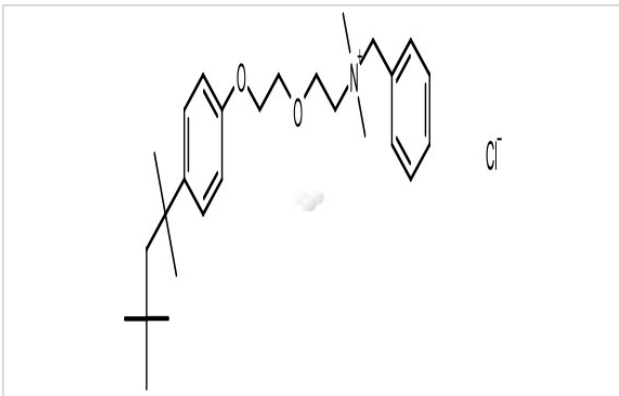
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## Description

Product Name	Benzethonium chloride
Brief Description	Inhibitors
Purification	98.00%
Target Name	AChR antagonist
Calculated MW	448.09
Formulation	C27H42ClNO2
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Other  
 SMILES: [Cl-].CC(C)(C)CC(C)(C)C1=CC=C(OCCOCC[N+](C)(C)CC2=CC=CC=C2)C=C1  
 Pathways: Neuroscience  
 Receptor:  $\alpha 4\beta 2$  nAChRs;  $\alpha 7$  nAChRs  
 Boling pt: Melting pt: 162-164°C  
 Solubility: Ethanol: 90 mg/mL (200.85 mM); Water: 90 mg/mL (200.85 mM); DMSO: 90 mg/mL (200.85 mM)  
 Appearance: White Crystal  
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several month.

## References

- Lang E, et al. Cell Physiol Biochem, 2011, 28(2), 347-354.

Note: This product is for in vitro research use only