

Otilonium bromide

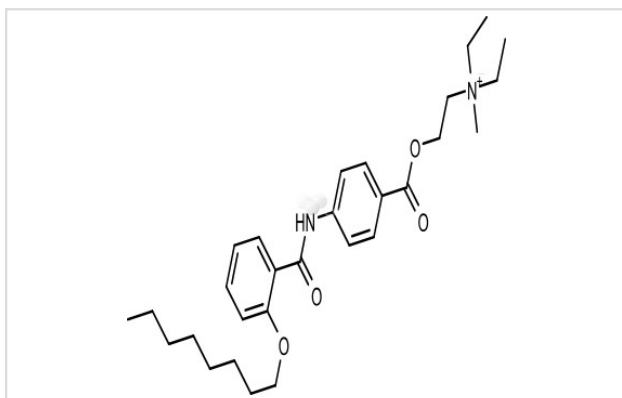
Catalog No: #S1474

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Description

Product Name	Otilonium bromide
Brief Description	Inhibitors
Purification	98.88%
Target Name	AChR antagonist; Calcium Channel inhibitor
Calculated MW	563.57
Formulation	C ₂₉ H ₄₃ BrN ₂ O ₄
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Nervous system
 SMILES: CCCCCCCCOC1=CC=CC=C1C(=O)NC1=CC=C(C=C1)C(=O)OCC[N+](C)(C)CC
 Pathways: Membrane transporter/Ion channel; Neuroscience
 Receptor: mAChR; Calcium Channel
 Boiling pt: Melting pt: 130-133°C
 Solubility: Ethanol: 113 mg/mL (200.5 mM);
 Water: 113 mg/mL (200.5 mM); DMSO: 113 mg/mL (200.5 mM)
 Appearance: White Powder
 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 months.

References

1. Martnez-Cutillas M, et al. Neurogastroenterol Motil. 2013 Dec; 25(12):e803-12.

Note: This product is for in vitro research use only