

Mepenzolate (Bromide)

Catalog No: tcsc3578



Available Sizes

Size: 1g



Specifications

CAS No:

76-90-4

Formula:

$C_{21}H_{26}BrNO_3$

Pathway:

Neuronal Signaling;GPCR/G Protein

Target:

mAChR;mAChR

Purity / Grade:

>98%

Solubility:

DMSO: ≥ 35 mg/mL

Observed Molecular Weight:

420.34

Product Description

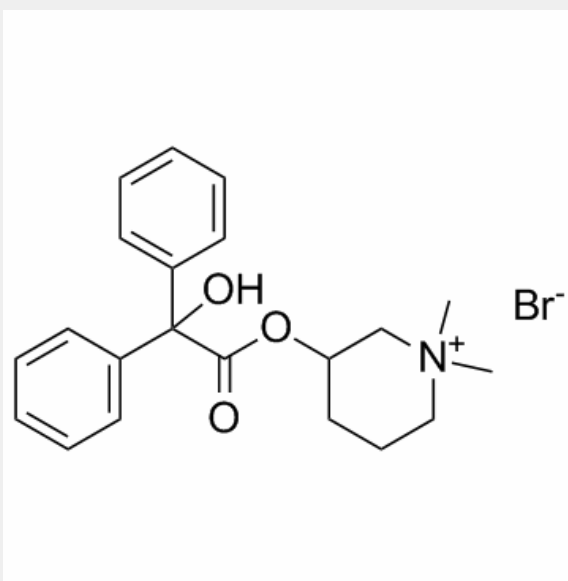
Mepenzolate Bromide is a muscarinic antagonist used to treat gastrointestinal disorders, decreases the severity of elastase-induced airspace enlargement and respiratory dysfunction.

IC50 value:

Target: mAChR antagonist

Oral administration of mepenzolate caused not only bronchodilation but also decreased the severity of elastase-induced pulmonary emphysema; however, compared with the intratracheal route of administration, about 5000 times higher dose was required to

achieve this effect. Intravenously or intrarectally administered mepenzolate also showed these pharmacological effects. The intratracheal route of mepenzolate administration, but not other routes, resulted in protective effects against elastase-induced pulmonary damage and bronchodilation at a much lower dose than that which affected defecation and heart rate.



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