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## Methacholine Chloride

产品编号: D56117

CAS: 62-51-1

分子式: C<sub>8</sub>H<sub>18</sub>ClNO<sub>2</sub>

纯度: 99.47%

InChi Key: InChIKey=JHPHVAVFUYYTVCL-UHFFFAOYSA-M

Smiles: [Cl-].CC(C[N+](C)(C)C)OC(C)=O

外观: 固体粉末

作用通路: Neuroscience

作用靶点: AChR

溶解性: DMSO:42 mg/mL

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: Methacholine chloride is a quaternary ammonium parasympathomimetic agent with the muscarinic actions of ACETYLCHOLINE. It is hydrolyzed by ACETYLCHOLINESTERASE at a considerably slower rate than ACETYLCHOLINE and is more resistant to hydrolysis by nonspecific CHOLINESTERASES so that its actions are more prolonged. It is used as a parasympathomimetic bronchoconstrictor agent and as a diagnostic aid for bronchial asthma.