

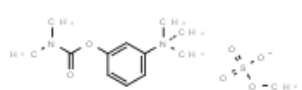
## Certificate of Analysis

Target	Inhibitors & Agonists>>Metabolic Enzyme/Protease>>Acetylcholinesterase (AChE)
Cat.No	DCAPI1543
Name	Neostigmine Methylsulfate

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## Chemical Properties

CAS	51-60-5
Formula	C <sub>13</sub> H <sub>22</sub> N <sub>2</sub> O <sub>6</sub> S
MW	334.387
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The image shows the chemical structure of Neostigmine Methylsulfate. It consists of a central benzene ring with a carbamate group (-NH-C(=O)-O-) at the 1-position and a dimethylcarbamoyl group (-NH-C(=O)-N(CH<sub>3</sub>)<sub>2</sub>) at the 4-position. The carbamate group is linked to a methylsulfate counterion (-O-SO<sub>3</sub>CH<sub>3</sub>).</p>
Purity	>99%

**Website:**  
www.dcchemicals.com