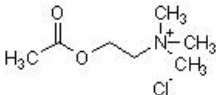


## Product datasheet

# Acetylcholine chloride, Endogenous neurotransmitter ab120469

[1 References](#) [1 Image](#)

### Overview

<b>Product name</b>	Acetylcholine chloride, Endogenous neurotransmitter
<b>Description</b>	Endogenous neurotransmitter active at acetylcholine receptors
<b>Biological description</b>	Endogenous neurotransmitter in both the central and peripheral nervous systems. Displays activity at the nicotinic and muscarinic acetylcholine receptors. Also implicated in numerous non-neuronal roles.
<b>General notes</b>	Please note this compound is extremely hygroscopic. Exposure to moist air should be avoided.
<b>CAS Number</b>	60-31-1
<b>Chemical structure</b>	

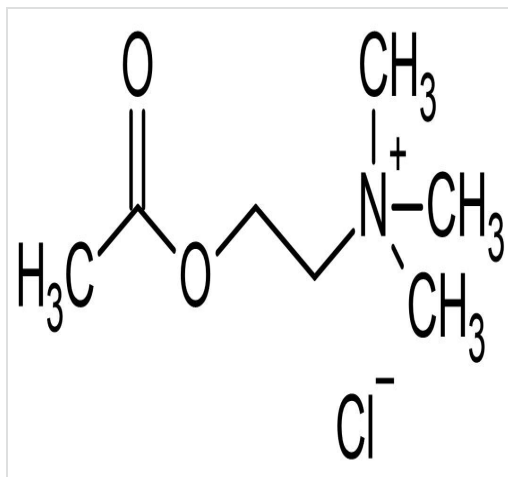
### Properties

<b>Chemical name</b>	2-(Acetyloxy)- <i>N,N,N</i> -trimethylethanaminium chloride
<b>Molecular weight</b>	181.66
<b>Molecular formula</b>	C <sub>7</sub> H <sub>16</sub> ClNO <sub>2</sub>
<b>Storage instructions</b>	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water to 100 mM, in DMSO to 100 mM and in ethanol to 75 mM
<b>Handling</b>	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>SMILES</b>	Cl.[CH2-][N+](C)(C)CCOC(=O)C

Source

Synthetic

## Images



2D chemical structure image of ab120469, Acetylcholine chloride, Endogenous neurotransmitter

Chemical Structure - Acetylcholine chloride,  
Endogenous neurotransmitter (ab120469)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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