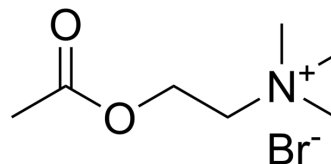


## Acetylcholine bromide

Cat. No.:	HY-B0282A
CAS No.:	66-23-9
Molecular Formula:	C <sub>7</sub> H <sub>16</sub> BrNO <sub>2</sub>
Molecular Weight:	226.11
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 250 mg/mL (1105.66 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		4.4226 mL	22.1131 mL	44.2263 mL
	5 mM		0.8845 mL	4.4226 mL	8.8453 mL
	10 mM		0.4423 mL	2.2113 mL	4.4226 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Acetylcholine bromide is an organic choline salt compound commonly used in neurophysiology and pharmacology experiments. It plays an important role in the nervous system, acting as a neurotransmitter that transmits signals and regulates many important physiological functions. Due to its special biological activity, Acetylcholine bromide is widely used in the study of neurotransmitters, nerve damage and muscle movement.

#### In Vitro

Acetylcholine (bromide) is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### CUSTOMER VALIDATION

- Mol Metab. 2023 Sep 26, 101811.
- Front Cardiovasc Med. 2021 Jun 16;8:679240.

- 
- BMC Pulm Med. 2021 Jun 5;21(1):189.
  - bioRxiv. 2023 Oct 13.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA