



LKT Laboratories, Inc.

## Hexamethonium Bromide Hydrate

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### Product Information

**Product ID** H1794

**CAS No.** 55-97-0

**Chemical Name** N,N,N,N,N',N'-Hexamethyl-1,6-hexanediaminium

**Synonym** Hexamethonium bromide, C-6, Bistrium bromide, Esametine, Gangliostate, Simpatoblock, Vegolysin

**Formula**  $C_{12}H_{30}Br_2N_2 \cdot xH_2O$

**Formula Wt.** 362.20

**Melting Point** 274-276°C

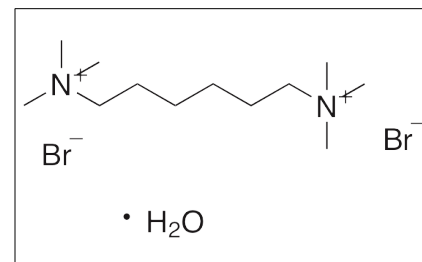
**Purity** ≥98%

**Solubility** Soluble in water or alcohol.  
Insoluble in acetone,  
chloroform or ether.

**Store Temp** Ambient

**Ship Temp** Ambient

**Description** Hexamethonium bromide is a non-depolarizing neuromuscular junction (NMJ) blocker that acts as an antagonist at pre-ganglionic nicotinic acetylcholine receptors (nAChRs). Hexamethonium bromide was previously used to treat hypertension as an inhibitor of sympathetic nervous system activity but is no longer clinically used.



### Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
H1794	10 g	\$50.90
H1794	25 g	\$89.40
H1794	100 g	\$260.50

**References** Barnett AJ, Fraser JR. The mechanism of arterial hypertension: a comparison of the effects of hexamethonium bromide in hypertensive and normotensive persons. *Australas Ann Med.* 1954 May;3(2):152-9. PMID: 13159745.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.