



LKT Laboratories, Inc.

Hexamethonium Bromide Hydrate

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

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

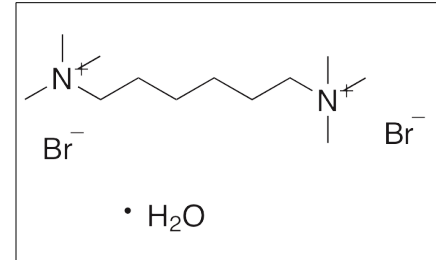
Purity ≥98%

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.



Bulk quantities available upon request

Product ID	Size
H1794	10 g
H1794	25 g
H1794	100 g

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.