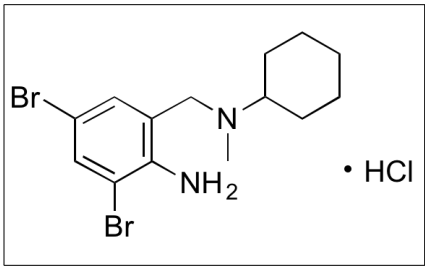
LKT Laboratories, Inc.

Bromhexine Hydrochloride

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

Product Information

Product ID B6957
CAS No. 611-75-6
Chemical Name 2-Amino-3,5-dibromo-N-cyclohexyl-N-methyl-benzenemethanamine hydrochloride
Synonym Auxit, Bisolvon, Ophtosol, Quentan



Formula $C_{14}H_{20}Br_2N_2$ HCl
Formula Wt. 412.60
Melting Point 240-244°C
Purity ≥98%
Solubility Slightly soluble in chloroform. Sparingly soluble in ethanol or methanol.

Pricing and Availability

Bulk quanitites available upon request

Product ID	Size	List Price
B6957	25 g	$58.20
B6957	100 g	$132.40
B6957	500 g	$413.20

Store Temp Ambient
Ship Temp Ambient
Description Bromhexine is a synthetic derivative of vasicine that exhibits mucolytic and antioxidative activities. Bromhexine increases production of serous mucus, decreases mucus viscosity, and helps cilia transport mucus out of the lungs. Bromhexine is clinically used to treat respiratory disorders characterized by excessive mucus. Additionally, bromhexine also decreases production of ROS in alveolar macrophages by modulating enzymatic activity.

References

Winsel K, Grollmuss H, Unger U, et al. Modulation of alveolar macrophage activity by ambroxol, bromhexine and exogenous arachidonic acid. Z Erkr Atmungsorgane. 1985;165(2):149-62. PMID: 3002048.

Takeda H, Abe Y, Misawa M, et al. The role of vagal reflex in mechanism of secretagogic action of bromhexine. Jpn J Pharmacol. 1984 Aug;35(4):445-50. PMID: 6503040.