

Product Data Sheet

Product Name: Bromhexine HCl

Cat. No.: GC16921

Chemical Properties

Cas. No. 611-75-6

Chemical Name 2,4-dibromo-6-[[cyclohexyl(methyl)amino]methyl]aniline;hydrochloride

SMILES CN(CC1=CC(=CC(=C1N)Br)Br)C2CCCCC2.Cl

Formula $C_{14}H_{20}Br_2N_2.HCl$ M.Wt 412.59

Solubility $\geq 8.3\text{mg/mL}$ in DMSO with gentle warming Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

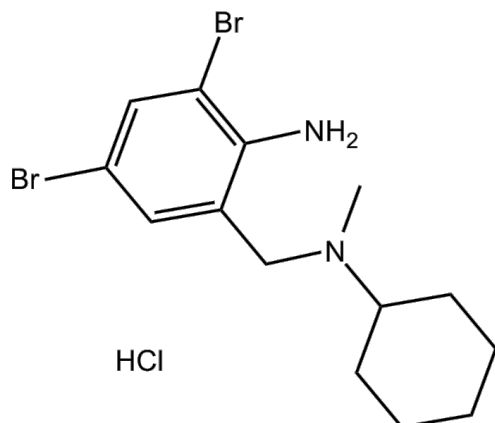
Caution: Product has not been fully validated for medical applications. For research use only.

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Product Data Sheet

Structure



Background

Bromhexine Hydrochloride is a medication prescribed for coughs which works by dissolving hard phlegm. Target: Others Bromhexine is a mucolytic agent used in the treatment of respiratory disorders associated with viscid or excessive mucus. In addition, bromhexine has antioxidant properties. Bromhexine is intended to support the body's mechanisms for clearing mucus from the respiratory tract. Bromhexine is a synthetic derivative of the herbal active ingredient vasicine. It has been shown to increase the proportion of serous bronchial secretion, making it more easily expectorated. It is indicated as "secretolytic therapy in bronchopulmonary diseases associated with abnormal mucus secretion and impaired mucus transport". From Wikipedia. [1]

References:

[1]. <http://en.wikipedia.org/wiki/Bromhexine>

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