



LKT Laboratories, Inc.

Benzzydamine Hydrochloride

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Product Information

Product ID B1640

CAS No. 132-69-4

Chemical Name N,N-Dimethyl-3-[[[1-(phenylmethyl)-1H-indazol-3-yl]oxy]-1-propanamine hydrochloride

Synonym Benzindamine hydrochloride

Formula C₁₉H₂₃N₃O · HCl

Formula Wt. 345.87

Melting Point 156-161 °C

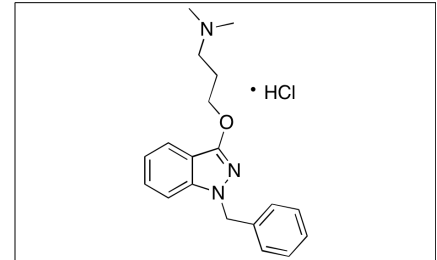
Purity ≥98%

Solubility Soluble in water, ethanol, chloroform, n-butanol or DMSO

Store Temp Ambient

Ship Temp Ambient

Description Benzzydamine is a non-steroidal anti-inflammatory drug (NSAID) that also exhibits analgesic, anesthetic, and antibacterial activities. Benzzydamine is clinically used to treat mucositis and sore throat. Unlike most NSAIDs, benzzydamine inhibits prostaglandin synthetase, not cyclooxygenase (COX).



Bulk quantities available upon request

Product ID	Size
B1640	5 g
B1640	25 g

References Chen CY, Kuo CJ, Lee YW, et al. Benzzydamine hydrochloride on postoperative sore throat: a meta-analysis of randomized controlled trials. *Can J Anaesth.* 2014 Mar;61(3):220-8. PMID: 24263969.

Karavana Hizarcioğlu SY, Sezer B, Güneri P, et al. Efficacy of topical benzzydamine hydrochloride gel on oral mucosal ulcers: an in vivo animal study. *Int J Oral Maxillofac Surg.* 2011 Sep;40(9):973-8. PMID: 21549562.

Fanaki NH, el-Nakeeb MA. Antimicrobial activity of benzzydamine, a non-steroid anti-inflammatory agent. *J Chemother.* 1992 Dec;4(6):347-52. PMID: 1287137.

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