



LKT Laboratories, Inc.

Itopride Hydrochloride

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

Product Information

Product ID I7757

CAS No. 122892-31-3

Chemical Name N-[[4-(2-dimethylaminoethoxy)phenyl]methyl]-3,4-dimethoxybenzamide

Synonym

Formula C₂₀H₂₆N₂O₄ HCl

Formula Wt. 394.88

Melting Point 191-195°C

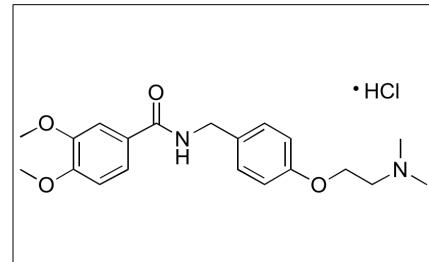
Purity ≥98%

Solubility Soluble in water or methanol. Sparingly soluble in acetic acid.

Store Temp Ambient

Ship Temp Ambient

Description Itopride is an inhibitor of acetylcholinesterase (AChE) and D2 receptors; it exhibits prokinetic gastrointestinal motility modulating activity. Itopride is clinically used to treat functional dyspepsia and gastroesophageal reflux disease (GERD). Itopride inhibits lower esophageal sphincter relaxation.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
I7757	250 mg	\$88.60
I7757	1 g	\$133.50
I7757	5 g	\$477.00
I7757	25 g	\$1022.10

References Huang X, Lv B, Zhang S, et al. Itopride therapy for functional dyspepsia: a meta-analysis. World J Gastroenterol. 2012 Dec 28;18(48):7371-7. PMID: 23326147.

Scarpellini E, Vos R, Blondeau K, et al. The effects of itopride on oesophageal motility and lower oesophageal sphincter function in man. Aliment Pharmacol Ther. 2011 Jan;33(1):99-105. PMID: 21083582.

Lim HC, Kim YG, Lim JH, et al. Effect of itopride hydrochloride on the ileal and colonic motility in guinea pig in vitro. Yonsei Med J. 2008 Jun 30;49(3):472-8. PMID: 18581598.

Fujitsuka N, Asakawa A, Hayashi M, et al. Selective serotonin reuptake inhibitors modify physiological gastrointestinal motor activities via 5-HT2c receptor and acyl ghrelin. Biol Psychiatry. 2009 May 1;65(9):748-759. PMID: 19058784.

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