



LKT Laboratories, Inc.

Zafirlukast

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

Product Information

Product ID Z0222

CAS No. 107753-78-6

Chemical Name

Synonym

Formula $C_{31}H_{33}N_3O_6S$

Formula Wt. 575.68

Melting Point 138-140 °C

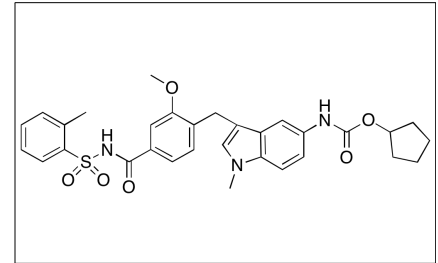
Purity ≥98%

Solubility Soluble in DMSO (25 mg/ml).

Store Temp Ambient

Ship Temp Ambient

Description Zafirlukast is commonly recognized as a leukotriene receptor antagonist which is used in the treatment of asthma. It is found to be a potent inhibitor of VEGF-C/Nrp2. Research on topical usage suggests that zafirlukast may also be effective in preventing capsular contracture and reducing capsule formation of gel implants, a complication arising after breast implant surgery.



Bulk quantities available upon request

Product ID	Size
Z0222	10 mg
Z0222	50 mg
Z0222	100 mg

References Oda S, Fujiwara R, Kutsuno Y, et al. Targeted screen for human UDP-glucuronosyltransferases inhibitors and the evaluation of potential drug-drug interactions with zafirlukast. *Drug Metal Dispos.* 2015 Jun; 43(6):812-818. PMID: 25834030.

Bandaru S, Marri VK, Kasera P, et al. Structure based virtual screening of ligands to identify cysteinyl leukotriene receptor 1 antagonist. *Bioinformation.* 2014 Oct 30; 10(10):652-657. PMID: 25489175.

Kang SH, Shin KC, Kim WS, et al. The preventive effect of topical zafirlukast instillation for peri-implant capsule formation in rabbits. *Arch Plast Surg.* 2015 Mar; 42(2):179-185. PMID: 25798389.

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