



LKT Laboratories, Inc.

Montelukast Sodium

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Product Information

Product ID M5756

CAS No. 151767-02-1

Chemical Name 1-((((1R)-1-(3-((1E)-2-(7-chloro-2-quinolinyl)ethenyl)phenyl)-3-(2-(1-hydroxy-1-methylethyl)phenyl)propyl)thio)methyl)-Cyclopropaneacetic acid,

Synonym Singulair

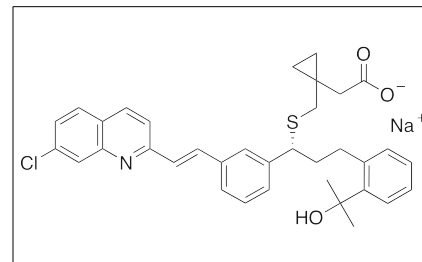
Formula C₃₅H₃₅ClNO₃S Na

Formula Wt. 608.17

Melting Point

Purity ≥98%

Solubility Soluble in ethanol, DMSO.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
M5756	10 mg	\$60.00
M5756	25 mg	\$104.90
M5756	100 mg	\$299.60

Store Temp Ambient

Ship Temp Ambient

Description Montelukast is an antagonist at cysteinyl leukotriene 1 (CysLT1) receptors; it exhibits anti-allergic, anti-asthma, anti-inflammatory, analgesic, anti-tussive, and bronchodilatory activities. Montelukast is clinically used to treat allergic rhinitis and asthma, although it also attenuates cough and decreases eosinophil infiltration. Montelukast decreases expression of p38 MAPK, NF-κB, IL-1β, IL-6, and TNF-α and inhibits activation of microglia, attenuating neuropathic pain in animal models of chronic constrictive injury (CCI). TEST!!!!!!

References Zhou C, Shi X, Huang H, et al. Montelukast Attenuates Neuropathic Pain Through Inhibiting p38 Mitogen-Activated Protein Kinase and Nuclear Factor-Kappa B in a Rat Model of Chronic Constriction Injury. *Anesth Analg*. 2014 May;118(5):1090-6. PMID: 24686047.

Niimi A. Cough, asthma, and cysteinyl-leukotrienes. *Pulm Pharmacol Ther*. 2013 Oct;26(5):514-9. PMID: 23774534.

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