



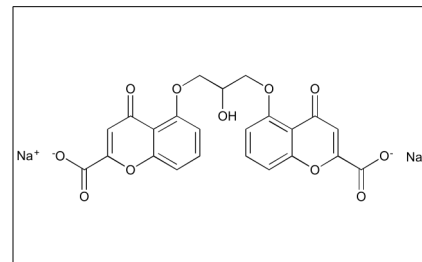
LKT Laboratories, Inc.

Cromolyn Sodium

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Product Information

Product ID C6955
CAS No. 15826-37-6
Chemical Name 5,5'-[(2-Hydroxy-1,3-propanediyl)bis(oxy)]bis[4-oxo-4H-1-benzopyran-2-carboxylic acid] disodium salt
Synonym Cromolyn disodium salt, Aarane, Alerion, Allergocrom, Cromovet, Fivent, Inostrat, Introl, Lomudal, Lomuspray, Nasmil, Opticrom, Rynacrom, Sofro, Vividrin
Formula $C_{23}H_{14}O_{11}Na_2$
Formula Wt. 512.3
Melting Point 240-242°C
Purity ≥99%
Solubility Soluble in water.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
C6955	100 mg	\$40.00
C6955	1 g	\$65.60
C6955	5 g	\$222.60

Store Temp Ambient

Ship Temp Ambient

Description Cromolyn sodium is a mast cell stabilizer that prevents mast cell degranulation and histamine release. Cromolyn sodium may also inhibit transient receptor potential (TRP) channels on C fibers and act as an antagonist at Cl^- channels. Cromolyn sodium activates phosphorylation of PKC and release of annexin A1, exhibiting anti-allergic, anti-asthma, and anti-inflammatory activities. This compound also inhibits release of pro-inflammatory cytokines. In animal models of myocarditis, cromolyn sodium displays cardioprotective benefit, preventing left ventricular remodeling and dysfunction. TEST!!!!!!

References Zhang A, Chi X, Luo G, et al. Mast cell stabilization alleviates acute lung injury after orthotopic autologous liver transplantation in rats by downregulating inflammation. PLoS One. 2013 Oct 8;8(10):e75262. PMID: 24116032.

Yazid S, Sinniah A, Solito E, et al. Anti-allergic cromones inhibit histamine and eicosanoid release from activated human and murine mast cells by releasing Annexin A1. PLoS One. 2013;8(3):e58963. PMID: 23527056.

Mina Y, Rinkevich-Shop S, Konen E, et al. Mast cell inhibition attenuates myocardial damage, adverse remodeling, and dysfunction during fulminant myocarditis in the rat. J Cardiovasc Pharmacol Ther. 2013 Mar;18(2):152-61. PMID: 23172937.

Yazid S, Leoni G, Getting SJ, et al. Antiallergic cromones inhibit neutrophil recruitment onto vascular endothelium via annexin-A1 mobilization. Arterioscler Thromb Vasc Biol. 2010 Sep;30(9):1718-24. PMID: 20558817.

Heinke S, Szücs G, Norris A, et al. Inhibition of volume-activated chloride currents in endothelial cells by chromones. Br J Pharmacol. 1995 Aug;115(8):1393-8. PMID: 8564197.

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