



LKT Laboratories, Inc.

Prasugrel

Phone: 888-558-5227

651-644-8424

Fax: 888-558-7329

Email: getinfo@lctlabs.com

Web: lctlabs.com

Product Information

Product ID P6903

CAS No. 150322-43-3

Chemical Name 5-[2-cyclopropyl-1-(2-fluorophenyl)-2-oxoethyl]-4,5,6,7-tetrahydrothieno[3,2-c]pyridin-2-yl acetate

Synonym

Formula $C_{20}H_{20}FNO_3S$

Formula Wt. 373.44

Melting Point

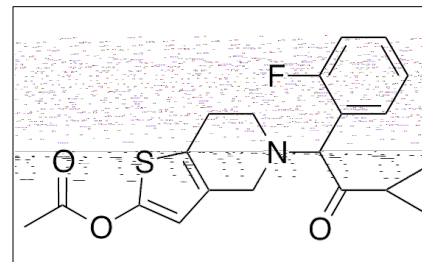
Purity $\geq 98\%$

Solubility

Store Temp Ambient

Ship Temp Ambient

Description Prasugrel is a third generation thienopyridine antithrombotic that irreversibly inhibits the ADP P2Y₁₂ receptor, inhibiting platelet aggregation. Prasugrel is a prodrug; it undergoes rapid hydrolysis and oxidation in vivo to form its active metabolite. Clinically, prasugrel decreases the potential for ischemic events.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
P6903	100 mg	\$87.90
P6903	250 mg	\$167.00
P6903	1 g	\$492.20

References Secco GG, Parisi R, Mirabella F, et al. P2Y₁₂ inhibitors: pharmacologic mechanism and clinical relevance. *Cardiovasc Hematol Agents Med Chem.* 2013 Jun;11(2):101-5. PMID: 22963529

Hagihara K, Kazui M, Kurihara A, et al. Biotransformation of prasugrel, a novel thienopyridine antiplatelet agent, to the pharmacologically active metabolite. *Drug Metab Dispos.* 2010 Jun;38(6):898-904. PMID: 20228231.

Scott DM, Norwood RM, Parra D. P2Y₁₂ inhibitors in cardiovascular disease: focus on prasugrel. *Ann Pharmacother.* 2009 Jan;43(1):64-76. PMID: 19050170.

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