



LKT Laboratories, Inc.

Nitrendipine

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

Product Information

Product ID N3478

CAS No. 39562-70-4

Chemical Name

Synonym

Formula C₁₈H₂₀N₂O₆

Formula Wt. 360.37

Melting Point

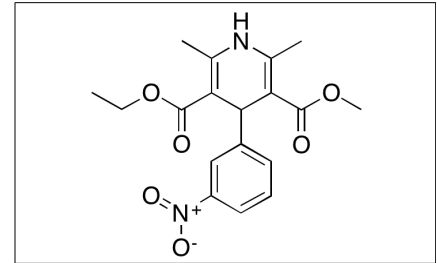
Purity ≥98%

Solubility soluble 2mg/ml in ethanol,
25mg/ml in DMSO, and
30mg/ml in DMF, sparingly
soluble in aqueous buffers

Store Temp Ambient

Ship Temp Ambient

Description Nitrendipine is an L-type calcium channel blocker which research has shown to have a potent inhibitory effect on human carboxylesterase, a member of the serine hydrolase family, in vitro.



Bulk quantities available upon request

Product ID	Size
N3478	25 mg
N3478	100 mg
N3478	500 mg

References Ohno S, Yokoi H, Mori K, et al. Ablation of the N-type calcium channel ameliorates diabetic nephropathy with improved glycemic control and reduced blood pressure. *Sci Rep.* 2016 Jun 7; 6:27192. PMID: 27273361.

Yanjiao X, Chengliang Z, Xiping L, et al. Evaluation of the inhibitory effects of antihypertensive drugs on human carboxylesterase in vitro. *Dru Metab Pharmacokinet.* 2013; 28(6):468-474. PMID: 23648675.

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