



# LKT Laboratories, Inc.

## Clofibrate

Phone: 888-558-5227  
651-644-8424  
Fax: 888-558-7329  
Email: [getinfo@lktlabs.com](mailto:getinfo@lktlabs.com)  
Web: [lktlabs.com](http://lktlabs.com)

### Product Information

**Product ID** C4557

**CAS No.** 637-07-0

**Chemical Name** 2-(4-Chlorophenoxy)-2-methylpropanoic acid ethyl ester

**Synonym** Amotril, Apolan, Ateriosan, Claripex, CPIB, Liprinal, Normet, Recolip, Xyduril

**Formula**  $C_{12}H_{15}ClO_3$

**Formula Wt.** 242.70

**Melting Point** <25° C

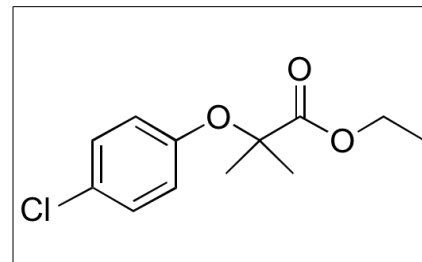
**Purity** ≥98%

**Solubility** Soluble in DMSO or ethanol.  
Insoluble in water.

**Store Temp** 4° C

**Ship Temp** Ambient

**Description** Clofibrate is a fibrate compound that exhibits anti-hyperlipidemic and anticancer activities. Clofibrate acts as an agonist at PPAR $\alpha$ , increasing lipoprotein lipase and HDL and decreasing triglycerides and VLDL. In leukemia cells, clofibrate induces G0/G1 phase cell cycle arrest and differentiation, decreases levels of c-myc and cyclin D2, and inhibits cellular growth. TEST!!!!!!



### Pricing and Availability

**Bulk quantities available upon request**

Product ID	Size	List Price
C4557	1 g	\$37.40
C4557	5 g	\$155.80

**References** Laurora S, Pizzimenti S, Briatore F, et al. Peroxisome proliferator-activated receptor ligands affect growth-related gene expression in human leukemic cells. J Pharmacol Exp Ther. 2003 Jun;305(3):932-42. PMID: 12649303.

Nicholls-Grzemeski FA, Calder IC, Priestly BG, et al. Clofibrate-induced in vitro hepatoprotection against acetaminophen is not due to altered glutathione homeostasis. Toxicol Sci. 2000 Jul;56(1):220-8. PMID: 10869471.

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