



LKT Laboratories, Inc.

Clofibrate

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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

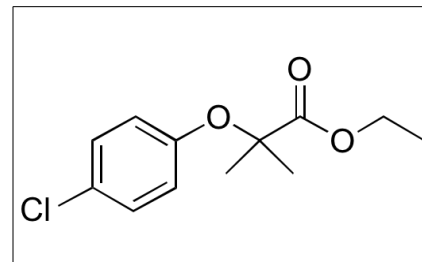
Formula C₁₂H₁₅ClO₃

Formula Wt. 242.70

Melting Point <25° C

Purity ≥99%

Solubility Soluble in DMSO or ethanol. Insoluble in water.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
C4557	1 g	\$48.30
C4557	5 g	\$131.30

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 α , 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.

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.