



LKT Laboratories, Inc.

Fenofibrate

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

Product Information

Product ID F1853

CAS No. 49562-28-9

Chemical Name 2-[4-(4-Chlorobenzoyl)phenoxy]-2-methylpropanoic acid 1-methylethyl ester

Synonym Ankebin, Elasterin, Femprate, Lipantil, Lipoclar, Lipofene, Nolipax, Secalip, Tricor

Formula C₂₀H₂₁ClO₄

Formula Wt. 360.83

Melting Point 80-81 °C

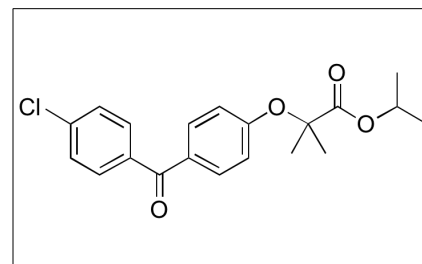
Purity ≥98%

Solubility Soluble in acetone, ether, benzene and chloroform. Slightly soluble in methanol and ethanol. Practically insoluble in water.

Store Temp Ambient

Ship Temp Ambient

Description Fenofibrate is a fibric acid derivative fibrate compound that exhibits anti-hyperlipidemic, anti-fibrotic, and anticancer chemotherapeutic activities. Fenofibrate activates PPAR α , stimulating lipoprotein lipase and increasing lipolysis; this results in decreases in overall triglyceride, VLDL, and LDL levels as well as increases in HDL levels. Fenofibrate decreases oxidative stress-induced expression of α -SMA, TGF- β 1, IL-6, collagen-1, and TNF- α , preventing CCL4-induced hepatic fibrosis. Fenofibrate also upregulates expression of Bad, downregulates expression of Bcl-xL, survivin, cyclin D1, and CDK4, activates caspase-3 and NF- κ B, and induces G0/G1 phase cell cycle arrest in breast cancer cells, suppressing cell and tumor growth in both in vitro and in vivo models.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
F1853	5 g	\$63.90
F1853	25 g	\$187.40
F1853	100 g	\$385.90

References Gao Y, Shen W, Zhang Q, et al. Up-regulation of Hepatic VLDLR via PPAR α Is Required for the Triglyceride-Lowering Effect of Fenofibrate. J Lipid Res. 2014 Jun 4. [Epub ahead of print]. PMID: 24899625.

Li T, Zhang Q, Zhang J, et al. Fenofibrate induces apoptosis of triple-negative breast cancer cells via activation of NF- κ B pathway. BMC Cancer. 2014 Feb 16;14:96. PMID: 24529079.

Xie C, Li L, Xu YP, et al. Anti-fibrosis effects of fenofibrate in mice with hepatic fibrosis. Zhonghua Gan Zang Bing Za Zhi. 2013 Dec;21(12):914-9. PMID: 24636293.

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