

Product Datasheet

Gemfibrozil (orb1308681)

Catalog Number	orb1308681
Category	Small Molecules
Description	Gemfibrozil is a PPAR α agonist that promotes fatty acid oxidation and lipoprotein lipase synthesis, enhancing triglyceride clearance and reducing apoC-III and VLDL-C. It also increases apoA-I/A-II expression to raise HDL-C. This fibric acid derivative is used in research on dyslipidemia, atherosclerosis, and metabolic syndrome in both cellular and animal models.
Target	PPAR,Cytochromes P450,Adrenergic Receptor
Purity	99.90%
MW	250.33
Target Areas	Cytochromes P450 Adrenergic Receptor PPAR
Solubility (25°C)	DMSO:250 mg/mL (998.68 mM);Ethanol:47 mg/mL (187.75 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (7.99 mM)
CAS Number	25812-30-0
Formula	C ₁₅ H ₂₂ O ₃
SMILES	CC1=CC(OCCCC(C)(C)C(O)=O)=C(C)C=C1
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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