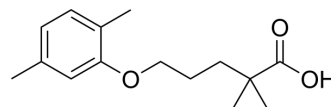


Gemfibrozil (Standard)

Cat. No.:	HY-B0258R
CAS No.:	25812-30-0
Molecular Formula:	C ₁₅ H ₂₂ O ₃
Molecular Weight:	250.33
Target:	PPAR; Cytochrome P450
Pathway:	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (399.47 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.9947 mL	19.9736 mL	39.9473 mL
5 mM	0.7989 mL	3.9947 mL	7.9895 mL
10 mM	0.3995 mL	1.9974 mL	3.9947 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Gemfibrozil (Standard) is the analytical standard of Gemfibrozil. This product is intended for research and analytical applications. Gemfibrozil is an activator of PPAR- α , used as a lipid-lowering agent; Gemfibrozil is also a nonselective inhibitor of several P450 isoforms, with K_i values for CYP2C9, 2C19, 2C8, and 1A2 of 5.8, 24, 69, and 82 μ M, respectively.

IC₅₀ & Target

CYP1A2	CYP2C19	CYP2C8	CYP2C9
PPAR- α			

CUSTOMER VALIDATION

- Chemosphere. 2019 Jun;225:378-387.

See more customer validations on www.MedChemExpress.com

Caution: Product has not been fully validated for medical applications. For research use only.

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