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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
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- Expressversand

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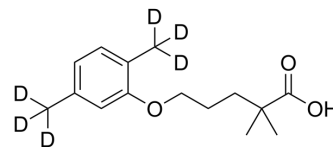
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Gemfibrozil-d₆-1

Cat. No.:	HY-B0258S1
CAS No.:	1160569-36-7
Molecular Formula:	C ₁₅ H ₁₆ D ₆ O ₃
Molecular Weight:	256.37
Target:	Cytochrome P450; PPAR; Isotope-Labeled Compounds
Pathway:	Metabolic Enzyme/Protease; Cell Cycle/DNA Damage; Vitamin D Related/Nuclear Receptor; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Gemfibrozil-d₆-1 (CI-719-d₆-1) is the deuterium labeled Gemfibrozil (HY-B0258). 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^[1].

REFERENCES

- [1]. Pahan K, et al. Gemfibrozil, a lipid-lowering drug, inhibits the induction of nitric-oxide synthase in human astrocytes. J Biol Chem. 2002 Nov 29;277(48):45984-91. Epub 2002 Sep 18.
- [2]. Almad A, et al. The PPAR alpha agonist gemfibrozil is an ineffective treatment for spinal cord injured mice. Exp Neurol. 2011 Dec;232(2):309-17.
- [3]. Wang JS, et al. Gemfibrozil inhibits CYP2C8-mediated cerivastatin metabolism in human liver microsomes. Drug Metab Dispos. 2002 Dec;30(12):1352-6.

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

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