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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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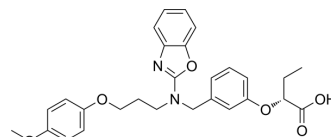
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Pemafibrate (Standard)

Cat. No.:	HY-17618R
CAS No.:	848259-27-8
Molecular Formula:	C ₂₈ H ₃₀ N ₂ O ₆
Molecular Weight:	490.55
Target:	PPAR
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.



BIOLOGICAL ACTIVITY

Description Pemafibrate (Standard) is the analytical standard of Pemafibrate. This product is intended for research and analytical applications. Pemafibrate is a highly selective PPAR α agonist, with an EC₅₀ of 1 nM.

IC₅₀ & Target EC50: 1 nM (h-PPAR α), 1.10 μ M (h-PPAR γ), 1.58 μ M (h-PPAR δ)^[1]

REFERENCES

[1]. Yamazaki Y, et al. Design and synthesis of highly potent and selective human peroxisome proliferator-activated receptor alpha agonists. *Bioorg Med Chem Lett*. 2007 Aug 15;17(16):4689-93. Epub2007 May 24.

[2]. Honda Y, et al. Pemafibrate, a novel selective peroxisome proliferator-activated receptor alpha modulator, improves the pathogenesis in a rodent model of nonalcoholic steatohepatitis. *Sci Rep*. 2017 Feb 14;7:42477.

[3]. Sairoy M, et al. A Novel Selective PPAR α Modulator (SPPARM α), K-877 (Pemafibrate), Attenuates Postprandial Hypertriglyceridemia in Mice. *J Atheroscler Thromb*. 2018 Feb 1;25(2):142-152.

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

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