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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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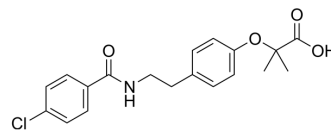
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Bezafibrate (Standard)

Cat. No.:	HY-B0637R
CAS No.:	41859-67-0
Molecular Formula:	C ₁₉ H ₂₀ ClNO ₄
Molecular Weight:	361.82
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	Bezafibrate (Standard) is the analytical standard of Bezafibrate. This product is intended for research and analytical applications. Bezafibrate is an agonist of PPAR, with EC ₅₀ s of 50 μM, 60 μM, 20 μM for human PPARα, PPARγ and PPARδ, and 90 μM, 55 μM, 110 μM for murine PPARα, PPARγ and PPARδ, respectively; Bezafibrate is used as an hypolipidemic agent.
IC₅₀ & Target	EC ₅₀ : 90 μM (Murine PPARα), 55 μM (Murine PPARγ), 110 μM (Murine PPARδ), 50 μM (Human PPARα), 60 μM (Human PPARγ), 20 μM (Human PPARδ) ^[1]

REFERENCES

- [1]. Willson TM, et al. The PPARs: from orphan receptors to drug discovery. *J Med Chem.* 2000 Feb 24;43(4):527-50.
- [2]. Usui-Ouchi A, et al. The peroxisome proliferator-activated receptor pan-agonist bezafibrate suppresses microvascular inflammatory responses of retinal endothelial cells and vascular endothelial growth factor production in retinal pigmented epithelial cells. *Int Immunopharmacol.* 2017 Nov;52:70-76.
- [3]. Franko A, et al. Bezafibrate ameliorates diabetes via reduced steatosis and improved hepatic insulin sensitivity in diabetic TallyHo mice. *Mol Metab.* 2017 Jan 6;6(3):256-266.

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

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