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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

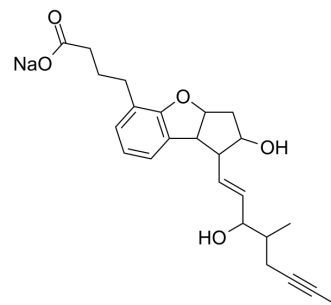
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

(Rac)-Beraprost sodium

Cat. No.:	HY-Z7721
CAS No.:	88475-69-8
Molecular Formula:	C ₂₄ H ₂₉ NaO ₅
Molecular Weight:	420.47
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description

(Rac)-Beraprost ((Rac)-ML 1129) sodium is a racemic isomer of Beraprost sodium (HY-13569A). Beraprost sodium is an orally active prostacyclin analog that inhibits the release of Ca²⁺ from intracellular storage sites by binding to prostacyclin membrane receptors (Prostaglandin Receptor), leading to relaxation of smooth muscle cells and vasodilation. Beraprost sodium has vasodilatory, antiplatelet, and cytoprotective effects, making it promising for research in the field of cardiovascular diseases, such as thromboangiitis obliterans and atherosclerosis^{[1][2]}.

REFERENCES

- [1]. Li S, et al. Beraprost sodium mitigates renal interstitial fibrosis through repairing renal microvessels. *J Mol Med (Berl)*. 2019 Jun;97(6):777-791.
- [2]. Yan P, et al. Clinical efficacy and safety of beraprost sodium in the treatment of nephrotic syndrome: A meta-analysis. *Medicine (Baltimore)*. 2023 Oct 20;102(42):e34958.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA