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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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PRODUCT INFORMATION



AR-102

Item No. 9000362

CAS Registry No.: 955005-63-7

Formal Name: (1R,2R,3R,5S)-2-[(3R)-3-benzo[b]thien-2-yl-3-hydroxypropyl]-3,5-dihydroxycyclopentaneheptanoic acid, 3-hydroxy-2,2-bis(hydroxymethyl)propyl ester

Synonym: Dukeprost pentaerthrityl ester

MF: $C_{28}H_{42}O_8S$

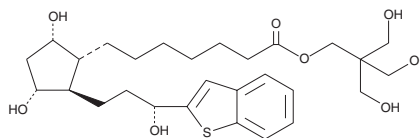
FW: 538.7

Purity: $\geq 95\%$

Supplied as: A solid

Storage: -20°C

Stability: ≥ 4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

AR-102 is supplied as a solid. A stock solution may be made by dissolving the AR-102 in the solvent of choice, which should be purged with an inert gas. AR-102 is sparingly soluble (1-10 mg/ml) in ethanol and DMSO.

Description

AR-102 is an FP receptor agonist, a derivative of prostaglandin F (PGF), and a prodrug form of AR-102 (free acid) (Item Nos. 10008049 | 43439).^{1,2}

References

1. Fogagnolo, P. and Rossetti, L. Medical treatment of glaucoma: Present and future. *Expert Opin. Investig. Drugs* **20**(7), 947-959 (2011).
2. Wierzbowska, J., Robaszkiewicz, J., Figurska, M., et al. Future possibilities in glaucoma therapy. *Med. Sci. Monit.* **16**(11), RA252-RA259 (2010).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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