SZABO SCANDIC

Part of Europa Biosite

Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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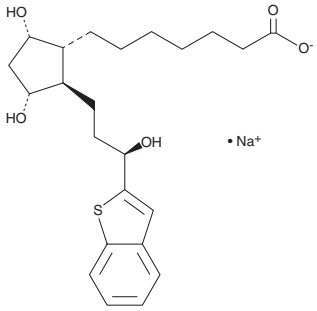
PRODUCT INFORMATION

AR-102 free acid (sodium salt)

Item No. 43439

Formal Name:	(1R,2R,3R,5S)-2-[(3R)-3-benzo[b]thien-2-yl-3-hydroxypropyl]-3,5-dihydroxy-cyclopentaneheptanoic acid, monosodium salt
Synonym:	Dukeprost
MF:	$C_{23}H_{31}O_5S \bullet Na$
FW:	442.5
Purity:	≥98%
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 free acid (sodium salt) is supplied as a solid. A stock solution may be made by dissolving the AR-102 free acid (sodium salt) in the solvent of choice, which should be purged with an inert gas. AR-102 free acid (sodium salt) is soluble (≥10 mg/ml) in ethanol and DMSO.

Further dilutions of the stock solution into aqueous buffers or isotonic saline should be made prior to performing biological experiments. Ensure that the residual amount of organic solvent is insignificant, since organic solvents may have physiological effects at low concentrations. Organic solvent-free aqueous solutions of AR-102 free acid (sodium salt) can be prepared by directly dissolving the solid in aqueous buffers. AR-102 free acid (sodium salt) is soluble (≥10 mg/ml) in PBS (pH 7.2). We do not recommend storing the aqueous solution for more than one day.

Description

AR-102 (free acid) is a derivative of prostaglandin F (PGF) and an active metabolite of AR-102 (Item No. 9000362).

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