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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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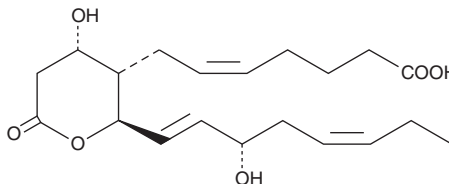
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PRODUCT INFORMATION



11-dehydro Thromboxane B₃ Item No. 19995

CAS Registry No.: 129228-55-3
Formal Name: 9 α ,15S-dihydroxy-11-oxo-thromba-5Z,13E,17Z-trien-1-oic acid
Synonym: 11-dehydro TXB₃
MF: C₂₀H₃₀O₆
FW: 366.5
Purity: \geq 98%
Stability: \geq 1 year at -20°C
Supplied as: A solution in methyl acetate



Laboratory Procedures

For long term storage, we suggest that 11-dehydro thromboxane B₃ (11-dehydro TXB₃) be stored as supplied at -20°C. It should be stable for at least one year.

11-dehydro TXB₃ is supplied as a solution in methyl acetate. To change the solvent, simply evaporate the methyl acetate under a gentle stream of nitrogen and immediately add the solvent of choice. Solvents such as ethanol, methanol, acetone, DMSO, dimethyl formamide, or acetonitrile purged with an inert gas or nitrogen can be used. The solubility of 11-dehydro TXB₃ in these solvents is approximately 10 mg/ml. 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. Avoid adding 11-dehydro TXB₃ to basic solutions (pH>7.4), since base treatment will cause the hydrolysis of the lactone function of 11-dehydro TXB₃. We do not recommend storing the aqueous solution for more than one day.

Description

11-dehydro TXB₃ has been shown to be a urinary metabolite of TXA₃.¹

Reference

1. Ishibashi, M., Ohyama, Y., Mizugaki, M., et al. Identification of 11-dehydrothromboxane B₃ in human urine after administration of eicosapentaenoic acid. *Biomed. Environ. Mass Spectrom.* 19, 387-389 (1990).

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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