



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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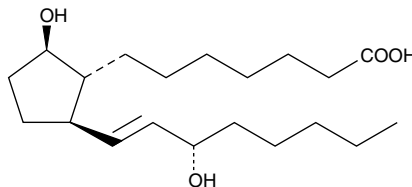
# Product Information



## 11-deoxy Prostaglandin F<sub>1β</sub>

Item No. 15510

**CAS Registry No:** 37785-99-2  
**Formal Name:** Prost-13-en-1-oic acid, 9,15-dihydroxy-, (9β,13E,15S)-  
**Synonym:** 9β,11-deoxy Prostaglandin F<sub>1α</sub>  
**MF:** C<sub>20</sub>H<sub>36</sub>O<sub>4</sub>  
**FW:** 340.5  
**Purity:** ≥99%  
**Stability:** ≥2 years at -20°C  
**Supplied as:** A crystalline solid  
**Melting Point:** 80-81°C



### Laboratory Procedures

For long term storage, we suggest that 11-deoxy Prostaglandin F<sub>1β</sub> (11-d-PGF<sub>1β</sub>) be stored as supplied at -20°C. It will be stable for at least two years.

11-d-PGF<sub>1β</sub> is sparingly soluble in water but freely soluble in organic solvents such as ethanol, methanol, acetone, acetonitrile, or DMSO. The solubility of 11-d-PGF<sub>1β</sub> in these solvents is approximately 10 mg/ml. 11-d-PGF<sub>1β</sub> is stable for at least six months in these solvents if stored at -20°C. Further dilutions of the stock solution into aqueous buffers or isotonic saline should be made prior to performing any biological experiments. Ensure that the residual amount of organic solvent is insignificant, since organic solvents may have physiological effects at low concentrations. We do not recommend storing the aqueous solution for more than one day.

Organic solvent-free aqueous solutions of 11-d-PGF<sub>1β</sub> can be prepared by directly dissolving the crystalline compound in basic solutions. The solubility of 11-d-PGF<sub>1β</sub> in 0.01 M aqueous Na<sub>2</sub>CO<sub>3</sub> is approximately 6 mg/ml. Again, we do not recommend storing the aqueous solutions for more than one day.

### Related Products

For a list of related products please visit: [www.caymanchem.com/catalog/15510](http://www.caymanchem.com/catalog/15510)

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**WARNING: THIS PRODUCT IS FOR LABORATORY RESEARCH ONLY; NOT FOR ADMINISTRATION TO HUMANS. NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

#### SAFETY DATA

This material should be considered hazardous until information to the contrary becomes available. Do not ingest, swallow, or inhale. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. This information contains some, but not all, of the information required for the safe and proper use of this material. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

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Cayman will carry out its delivery obligations with due care and skill. Thus, in no event will Cayman have **any obligation or liability**, whether in tort (including negligence) or in contract, for any direct, indirect, incidental or consequential damages, even if Cayman is informed about their possible existence.

This limitation of liability does not apply in the case of intentional acts or negligence of Cayman, its directors or its employees.

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Said refund or replacement is conditioned on Buyer giving written notice to Cayman within thirty (30) days after arrival of the material at its destination. Failure of Buyer to give said notice within thirty (30) days shall constitute a waiver by Buyer of all claims hereunder with respect to said material.

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