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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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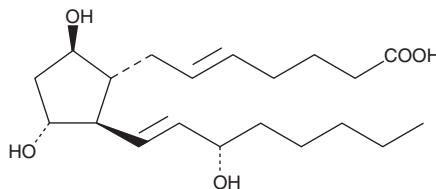
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

PRODUCT INFORMATION



5-*trans* Prostaglandin F_{2β} Item No. 16250

CAS Registry No.: 36150-02-4
Formal Name: 9β,11α,15S-trihydroxy-prosta-5E,13E-dien-1-oic acid
Synonyms: 5,6-*trans* PGF_{2β}, 5-*trans*-9β-Prostaglandin F_{2α}
MF: C₂₀H₃₄O₅
FW: 354.5
Purity: ≥98%
Supplied as: A solution in methyl acetate
Storage: -20°C
Stability: ≥2 years



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

Laboratory Procedures

5-*trans* Prostaglandin F_{2β} (5-*trans* PGF_{2β}) 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, DMSO, and dimethyl formamide purged with an inert gas can be used. The solubility of 5-*trans* PGF₂ in these solvents is approximately 100 mg/ml.

5-*trans* PGF₂ is sparingly soluble in aqueous buffers. For maximum solubility in aqueous buffers, the methyl acetate solution of 5-*trans* PGF₂ should be diluted with the aqueous buffer of choice. The solubility of 5-*trans* PGF₂ in PBS (pH 7.2) is approximately 10 mg/ml and approximately 6.5 mg/ml in 10 mM Na₂CO₃. We do not recommend storing the aqueous solution for more than one day.

Description

5-*trans* PGF_{2β} is the 9β-hydroxy isomer of 5-*trans* PGF_{2α}. There are no published reports on the biological activity of 5-*trans* PGF_{2β}.

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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