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Produktinformation

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- 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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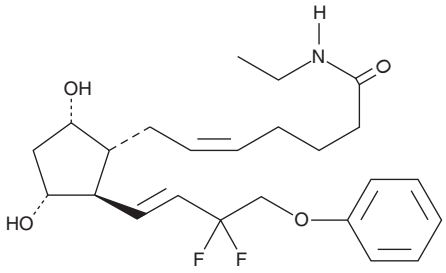
PRODUCT INFORMATION

Tafluprost ethyl amide

Item No. 9000843

CAS Registry No.:	1185851-52-8
Formal Name:	N-ethyl-9α,11α-dihydroxy-15,15-difluoro-16-phenoxy-17,18,19,20-tetranor-prosta-5Z,13E-dien-1-amide
Synonyms:	Taf EA, Tafluprost EA
MF:	$C_{24}H_{33}F_2NO_4$
FW:	437.5
Purity:	≥98%
Supplied as:	A solution in ethanol
Storage:	-20°C
Stability:	≥2 years



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

Laboratory Procedures

Tafluprost ethyl amide is supplied as a solution in ethanol. To change the solvent, simply evaporate the tafluprost ethyl amide 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 tafluprost ethyl amide in these solvents is approximately 30 mg/ml.

Description

Tafluprost ethyl amide is a derivative of the tafluoprost (free acid) prodrug tafluprost (Item No. 10005440).[1] Formulations containing tafluprost ethyl amide have been used in the treatment of eyelash hypotrichosis and in cosmetics.

Reference

1. Krupa, M., Chodyński, M., Ostaszewski, A., *et al*. A novel convergent synthesis of the potent antiglaucoma agent tafluprost. *Molecules* **22(2)**, 217 (2017).

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