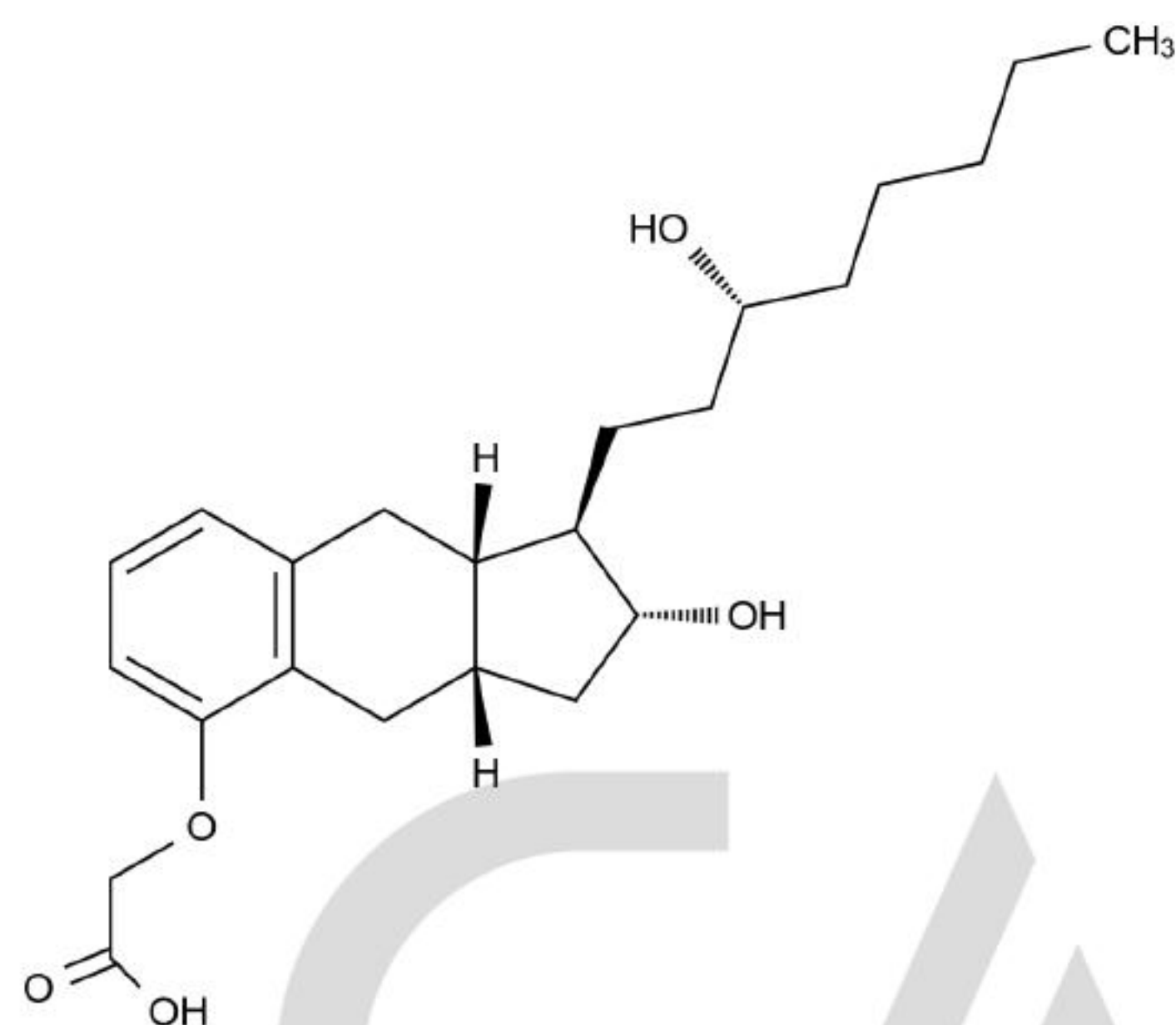


Certificate of Analysis

Reference Material

Product Name:	15-epi-Treprostinil	Catalogue Number:	CP133944
Chemical Name:	N/A	Lot Number:	0131-RE-0033
CAS Number:	343247-13-2	Expiry Date:	Jan 08, 2026
Molecular Formula:	C23H34O5	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	390.51		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	95.4066%
Water Content	Karl Fischer	0.2%
Residual Solvents	NMR	0.4% acetic acid
Assay		94.8%

Comment:

- The compound contains 3.6% isomeric impurity (RT 9.37) and 0.6% Treprostinil (RT 10.13) according to its HPLC and LC-MS.
- The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents}) * \text{Purity HPLC (\%)} / 100\%$$
 Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nacy

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Jan 09, 2023

Date: Feb 01, 2023

Date: Feb 01, 2023

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