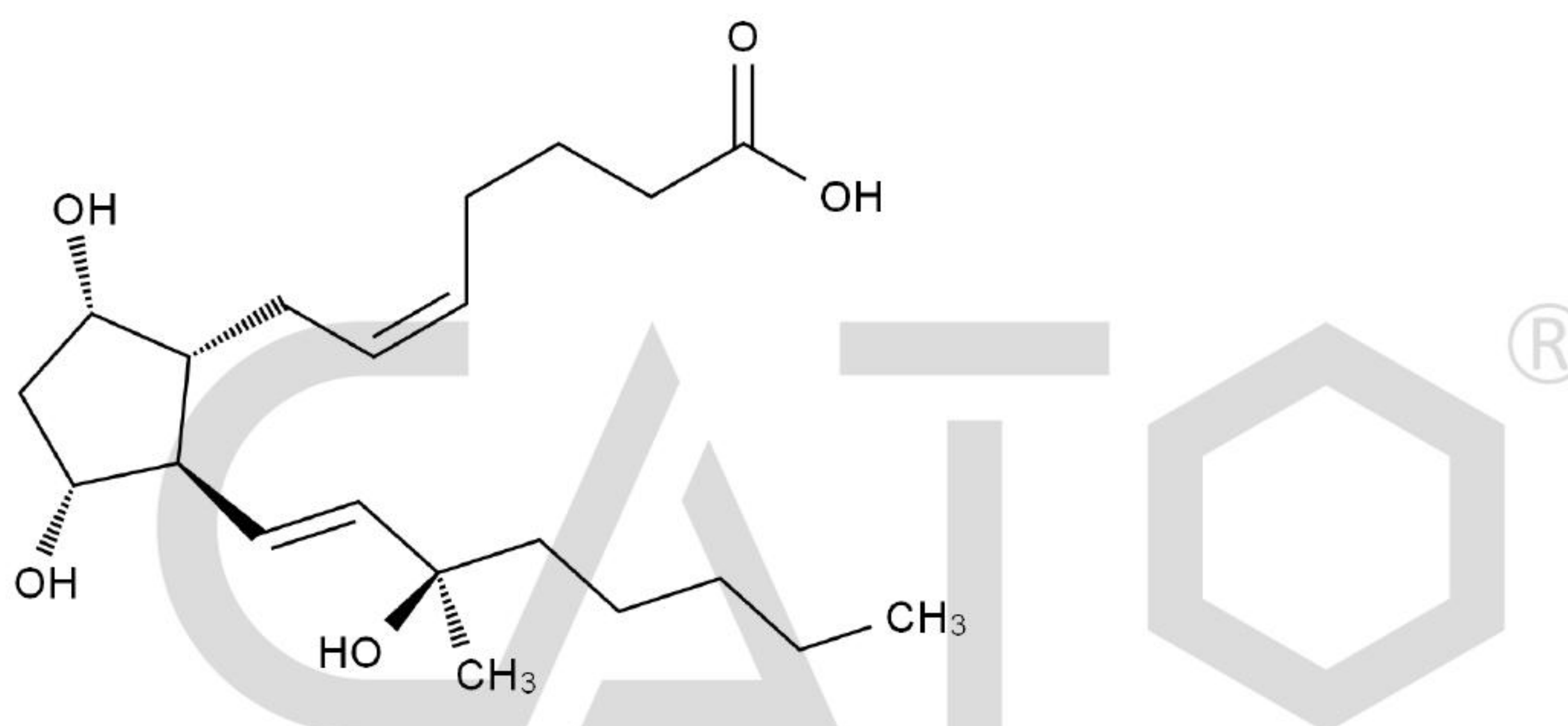


Certificate of Analysis

Reference Material & Standard

Product Name:	Carboprost Trometamol EP Impurity B	Catalogue Number:	C4X-21038
Synonyms:	N/A	Lot Number:	0909-RG-0047
CAS Number:	35864-81-4	Expiry Date:	Sep 11, 2029
Molecular Formula:	C ₂₁ H ₃₆ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	368.51		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Sticky Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.435%
Loss On Drying	TGA	8.5179%
Assay		88.2%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 12, 2025

Date: Sep 12, 2025

Date: Sep 12, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

