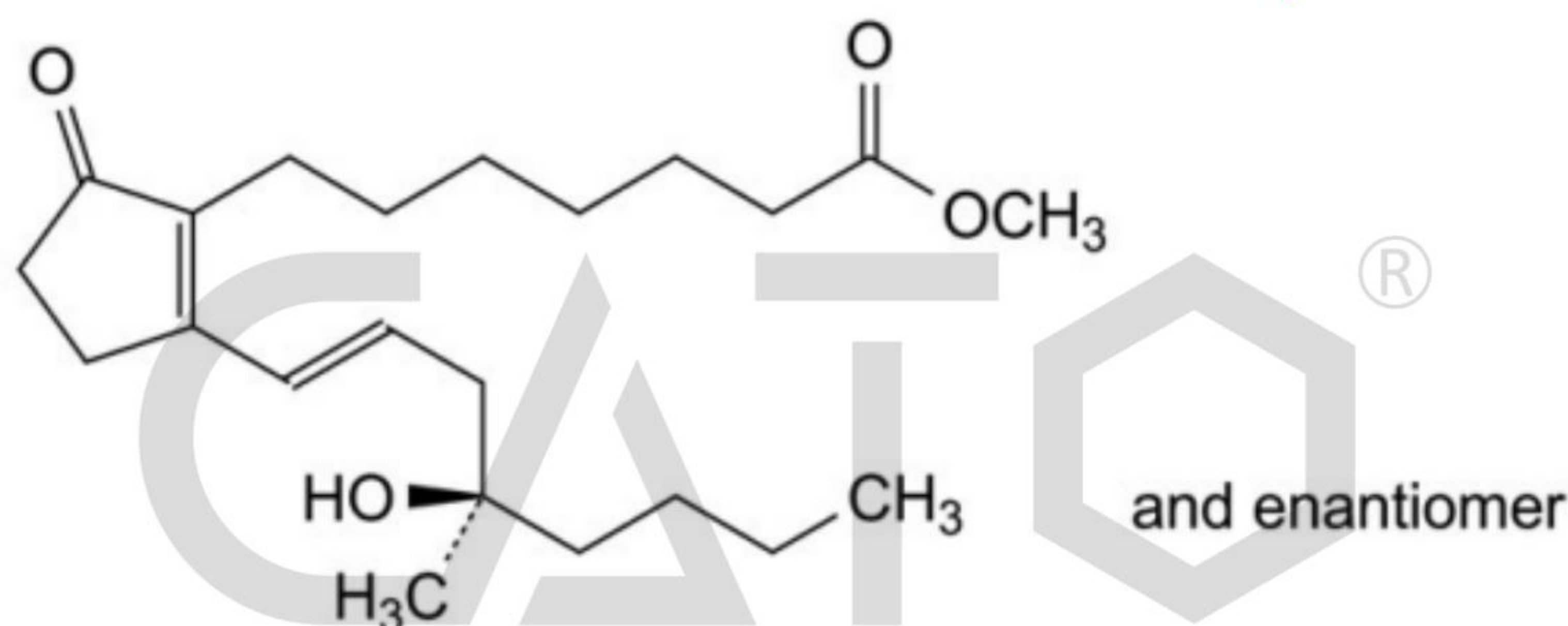


Certificate of Analysis

Reference Material & Standard

Product Name:	Misoprostol EP Impurity D (Mixture of Enantiomers)	Catalogue Number:	C4X-14594
Synonyms:	N/A	Lot Number:	0316-RH-0094
CAS Number:	1788085-79-9	Expiry Date:	Aug 26, 2030
Molecular Formula:	C ₂₂ H ₃₆ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	364.52	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.189%
Loss on Drying	TGA	0.3067%
Assay		98.9%

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: Aug 27, 2026

Date: Aug 27, 2026

Date: Aug 27, 2026



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