

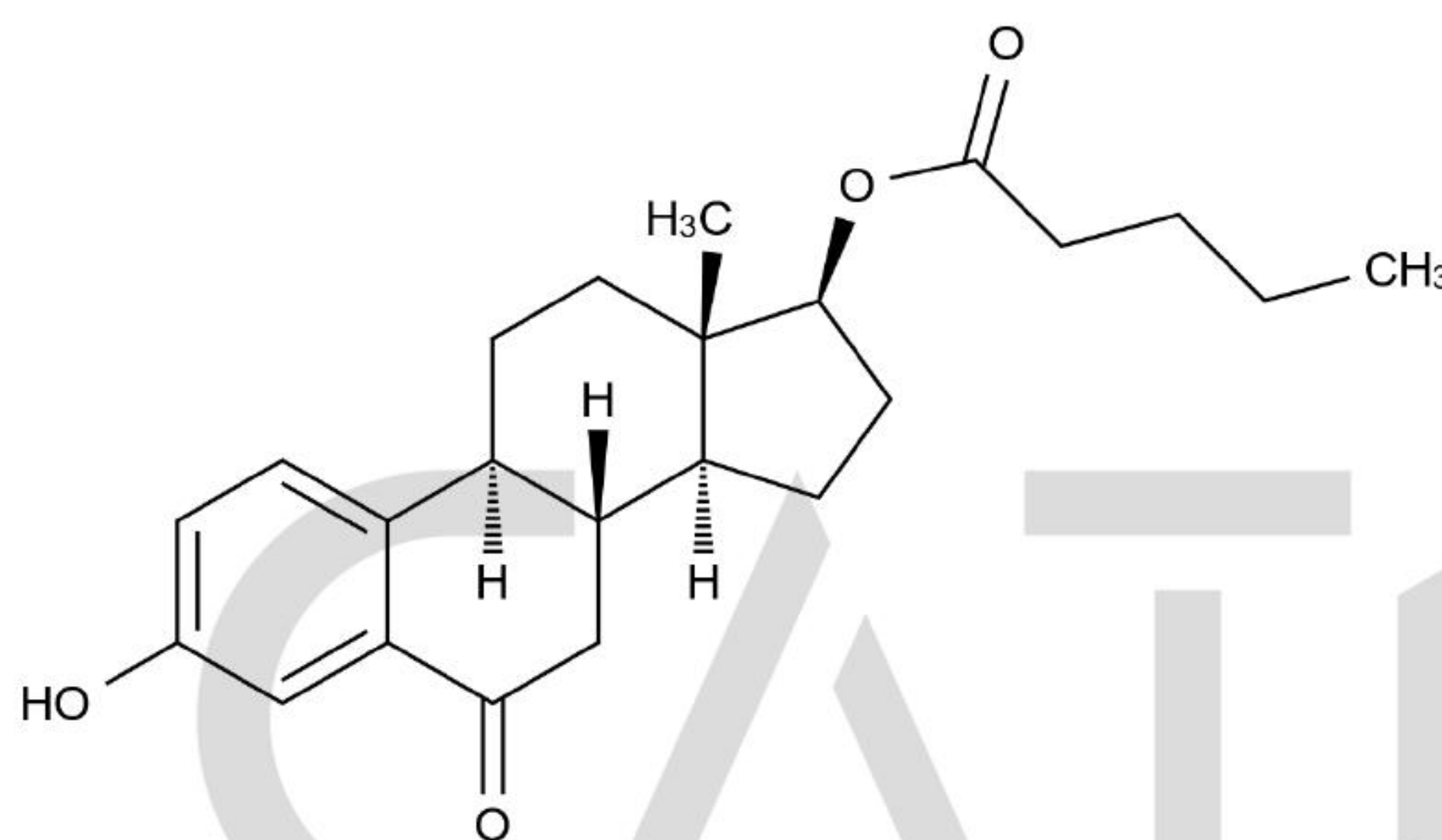
Certificate of Analysis

Reference Material & Standard

Product Name:	6-Oxo-Estradiol-17-Valerate	Catalogue Number:	C4X-284210
Synonyms:	N/A	Lot Number:	1202-RF-0066
CAS Number:	1313382-51-2	Expiry Date:	Sep 04, 2027
Molecular Formula:	C23H30O4	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	370.48	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.247%
Water Content	Karl Fischer	4.88%
Residual Solvents	NMR	Not detected in NMR
Assay		94.4%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Approved by General Manager:

David

Date: Dec 02, 2024

Date: Dec 03, 2024

Date: Dec 03, 2024

