

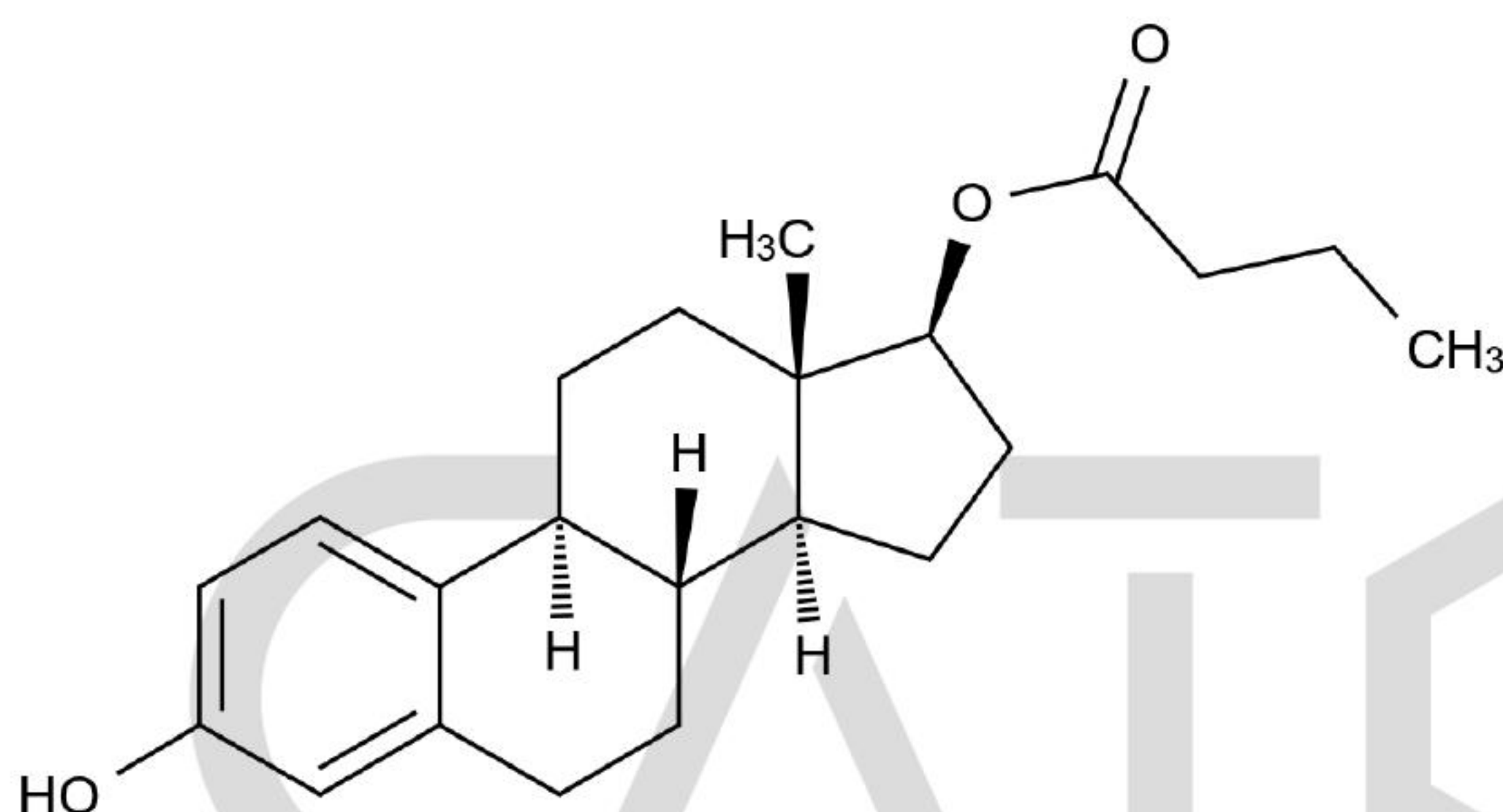
Certificate of Analysis

Reference Material & Standard

Product Name:	Estradiol Valerate EP Impurity F	Catalogue Number:	C4X-28425
Synonyms:	N/A	Lot Number:	0324-RG-0184
CAS Number:	18069-79-9	Expiry Date:	Mar 22, 2028
Molecular Formula:	C22H30O3	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	342.47	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	100.00%
Loss On Drying	TGA	0.6044%
Assay		99.4%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Mar 27, 2025

Date: Mar 27, 2025

Date: Mar 27, 2025

