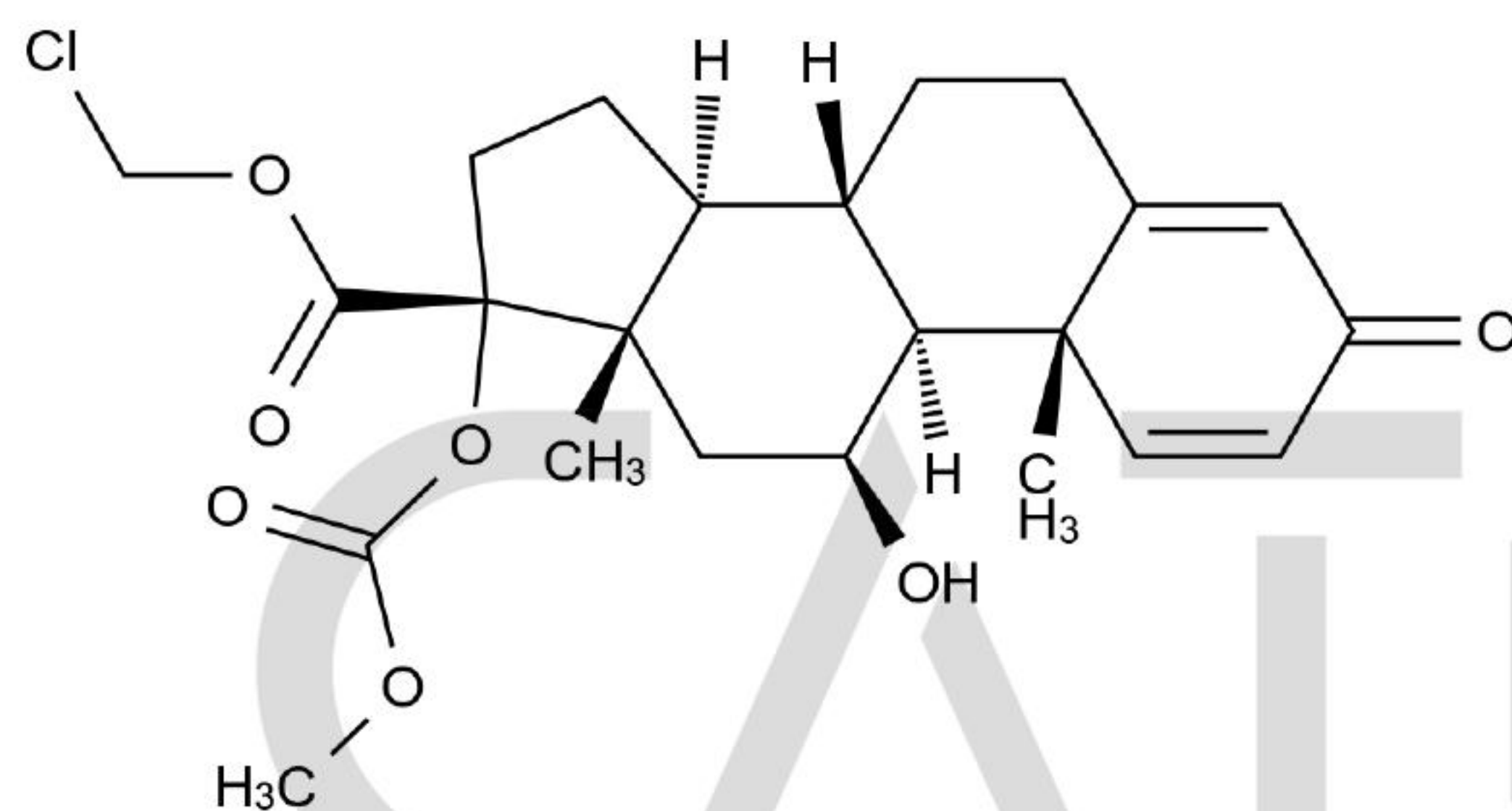


Certificate of Analysis

Reference Material & Standard

Product Name:	17-Methoxycarbonyl Loteprednol	Catalogue Number:	C4X-195711
Synonyms:	Chloromethyl (11 β ,17 α)-17-[(methoxycarbonyl)oxy]-11-hydroxy-3-oxoandrosta-1,4-diene-17-carboxylate	Lot Number:	0611-RH-0128
CAS Number:	265651-89-6	Expiry Date:	Jun 25, 2030
Molecular Formula:	C ₂₃ H ₂₉ ClO ₇	Storage:	2°C ~ 8°C Sealed
Molecular Weight:	452.93	Shipping Condition:	Shipping at Room Temperature
Solubility:	Soluble in Acetonitrile and DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	96.839%
Residue on Ignition	TGA	0.4270%
Loss on Drying	TGA	0.0843%
Assay	qNMR	96.5%
Assay	Mass Balance	96.3%

Comment:

- The retest date of this product is Jun 25, 2029.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Alice

Approved by General Manager:

David

Date: Jun 26, 2026

Date: Jun 26, 2026

Date: Jun 26, 2026



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