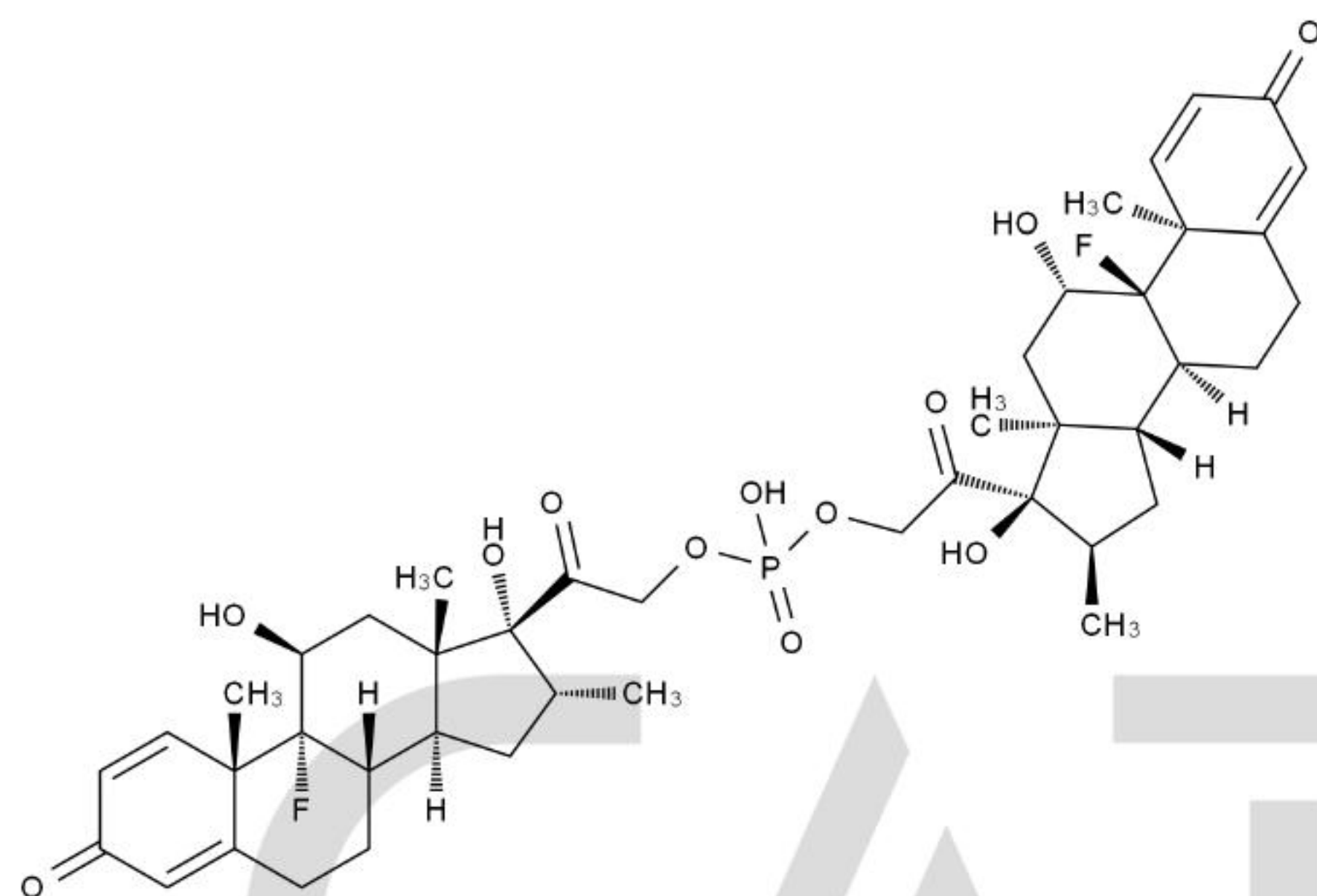


Certificate of Analysis

Reference Material

Product Name:	Dexamethasone Phosphate Diester	Catalogue Number:	C4X-116556
Chemical Name:	N/A	Lot Number:	0519-RE-0023
CAS Number:	N/A	Expiry Date:	Nov 08, 2025
Molecular Formula:	C ₄₄ H ₅₇ F ₂ O ₁₂ P	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	846.89		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.1787%
Water Content	Karl Fischer	2.2%
Residual Solvents	NMR	2.0% acetonitrile
Optical Rotation		[α] _D ^{25.0} (c=0.41,DMSO): +73.7°
Assay		95.0%

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:

Koi

Reviewed by:

Lisa

Aporoved by General manager:

David

Date: Sep 13, 2023

Date: Sep 13, 2023

Date: Sep 13, 2023

