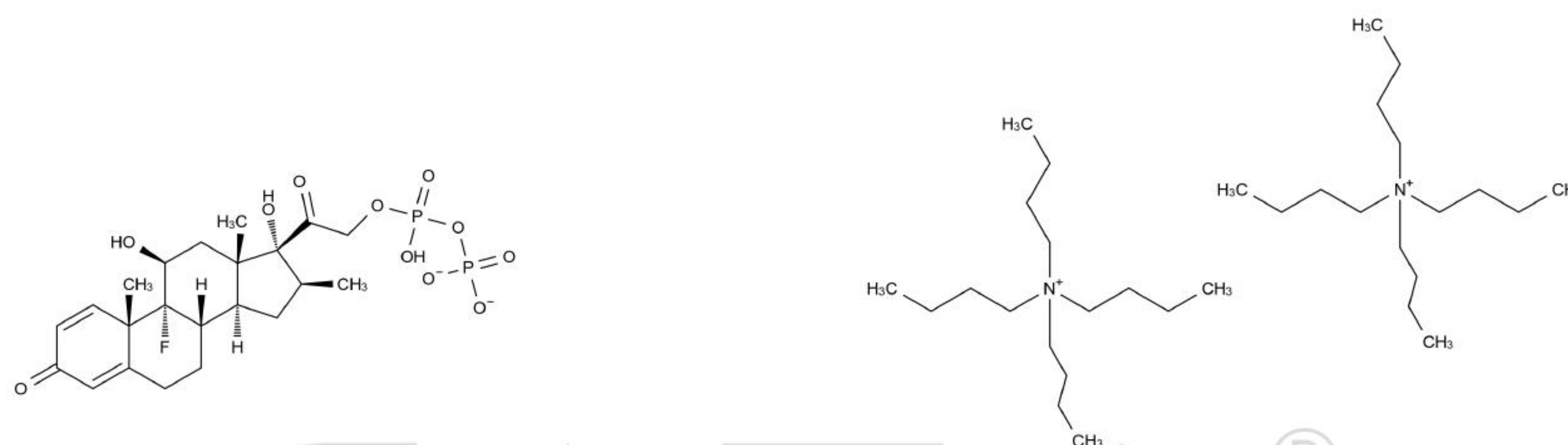


Certificate of Analysis

Reference Material

Product Name:	Betamethasone Impurity 40	Catalogue Number:	C4X-143740
Chemical Name:	N/A	Lot Number:	1115-RD-0093
CAS Number:	1815577-58-2(free base)	Expiry Date:	Oct 28, 2025
Molecular Formula:	C22H29FO11P2 2*C16H36N	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	550.40 2*242.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	96.2%
Residual Solvents	NMR	Not detected in NMR
Assay	qNMR	96.0%

Comment:

The compound contains 2.5% monophosphate impurity (RT 10.569) according to its HPLC and LC-MS).
Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Hinlam

Reviewed by:

Xenia

Aporoved by General manager:

David

Date: Nov 02, 2022

Date: Nov 15, 2022

Date: Nov 15, 2022

