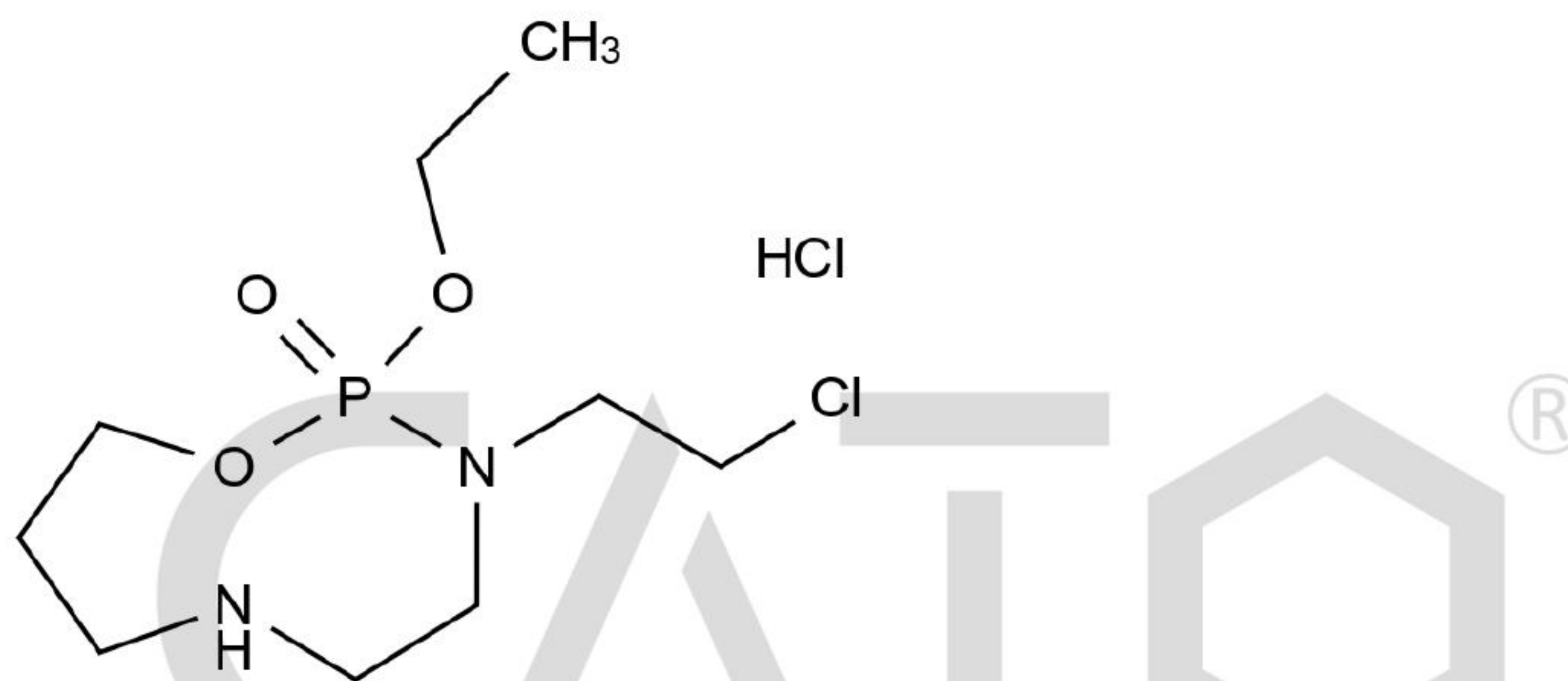


Certificate of Analysis

Reference Material & Standard

Product Name:	Cyclophosphamide impurity 31	Catalogue Number:	C4X-230631
Synonyms:	N/A	Lot Number:	0605-RF-0002
CAS Number:	2517939-95-4(free base)	Expiry Date:	Mar 28, 2026
Molecular Formula:	C ₉ H ₂₀ ClN ₂ O ₃ P HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	270.69 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	ELSD	99.2%
Assay	qNMR	91.6%

Comment:

Assay was determined by quantitative ¹H-NMR.

The compound contains 0.6% Cyclophosphamide Impurity 2 HCl(RT 4.68)according to its HPLC.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jun 07, 2024

Date: Jun 11, 2024

Date: Jun 11, 2024

