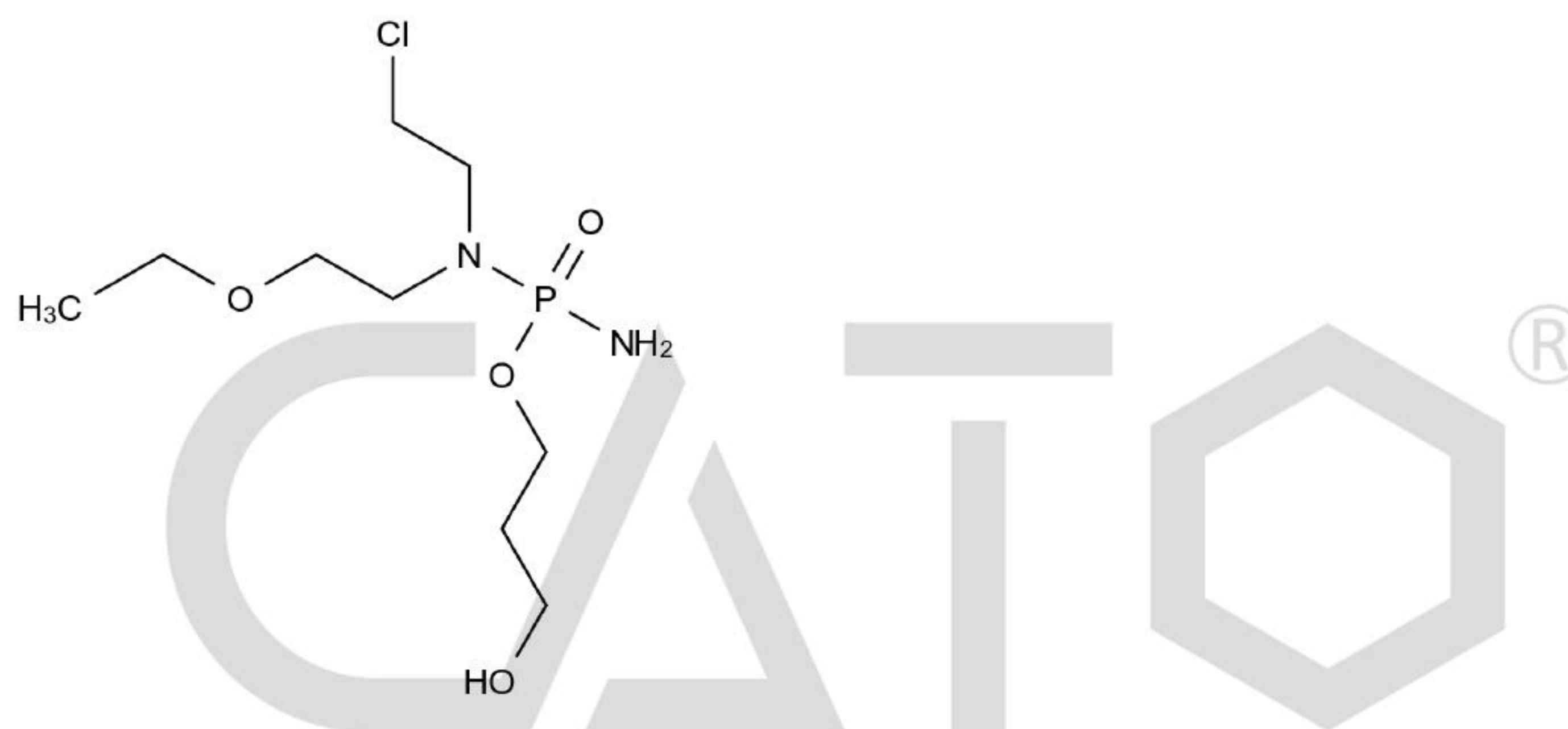


Certificate of Analysis

Reference Material & Standard

Product Name:	Cyclophosphamide impurity 37	Catalogue Number:	C4X-230637
Synonyms:	N/A	Lot Number:	0313-RH-0107
CAS Number:	N/A	Expiry Date:	Mar 03, 2030
Molecular Formula:	C ₉ H ₂₂ ClN ₂ O ₄ P	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	288.71	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&IR&HNMR	Confirmed
Purity	ELSD	100.0000%
Water Content	Karl Fischer	1.40%
Residual Solvents	NMR	0.9% methanol
Assay		97.7%

Comment:

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

Assay (%) = (100%-Water Content-Residual Solvents) * Purity ELSD (%) /100%

Water Content and Residual Solvents are considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Mar 18, 2026

Date: Mar 18, 2026

Date: Mar 18, 2026



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