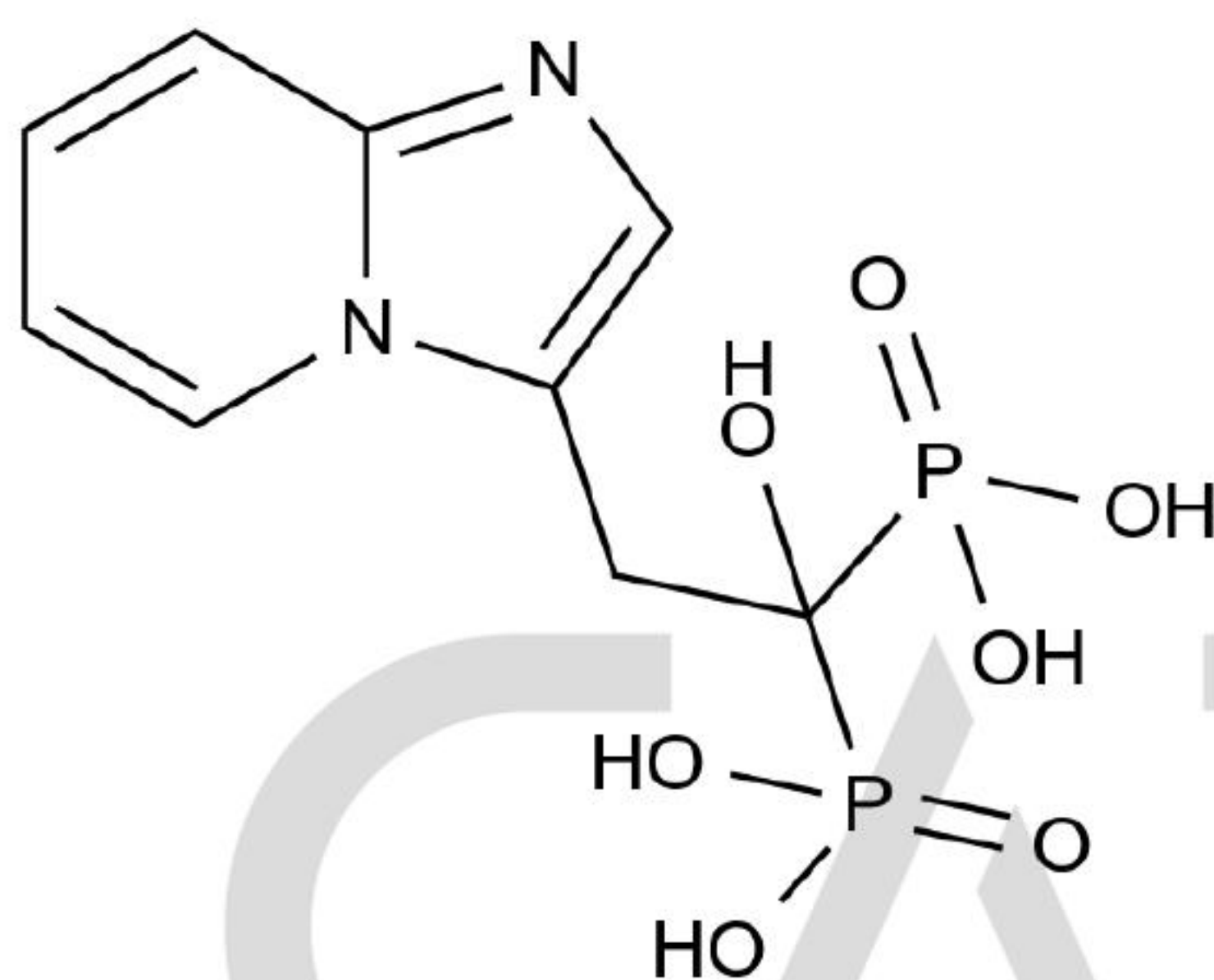


Certificate of Analysis

Reference Material & Standard

Product Name:	Minodronic Acid	Catalogue Number:	C4X-124137
Synonyms:	N/A	Lot Number:	0330-RE-0067
CAS Number:	180064-38-4	Expiry Date:	Apr 09, 2026
Molecular Formula:	C ₉ H ₁₂ N ₂ O ₇ P ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	322.15		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.938%
Loss On Drying	TGA	0.3253%
Assay		99.6%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 16, 2024

Date: Jul 16, 2024

Date: Jul 16, 2024

