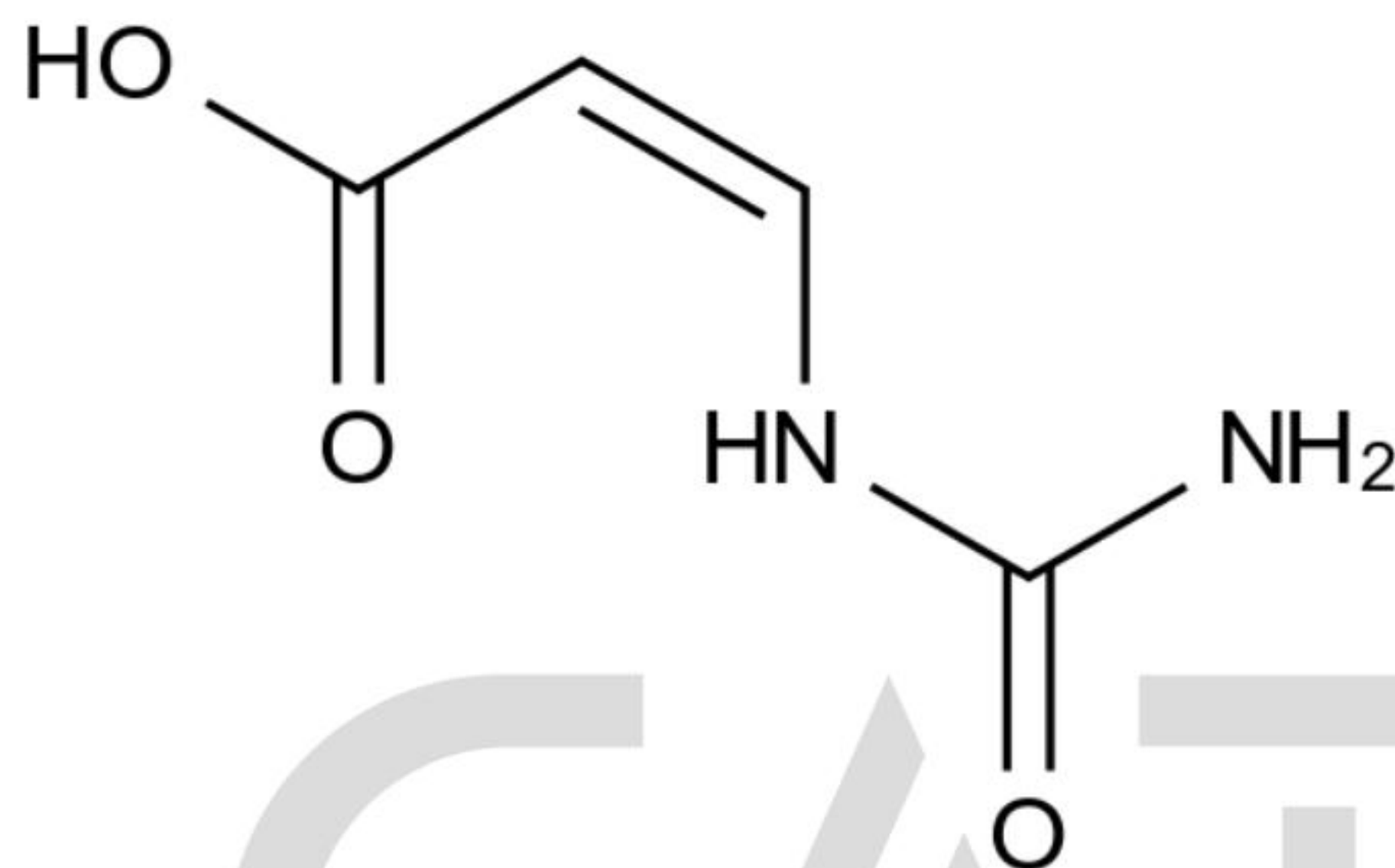


Certificate of Analysis

Reference Material

Product Name:	Cytarabine Impurity 32	Catalogue Number:	C4X-200532
Chemical Name:	N/A	Lot Number:	0224-RE-0007
CAS Number:	84902-98-7	Expiry Date:	Jul 21, 2025
Molecular Formula:	C ₄ H ₆ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	130.10		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.9126%
Water Content	Karl Fischer	0.2%
Residual Solvents	NMR	0.2% methanol
Assay		99.5%

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:

Nacy

Reviewed by:

Xenia

Aporoved by General manager:

David

Date: Jul 22, 2022

Date: Feb 28, 2023

Date: Feb 28, 2023

