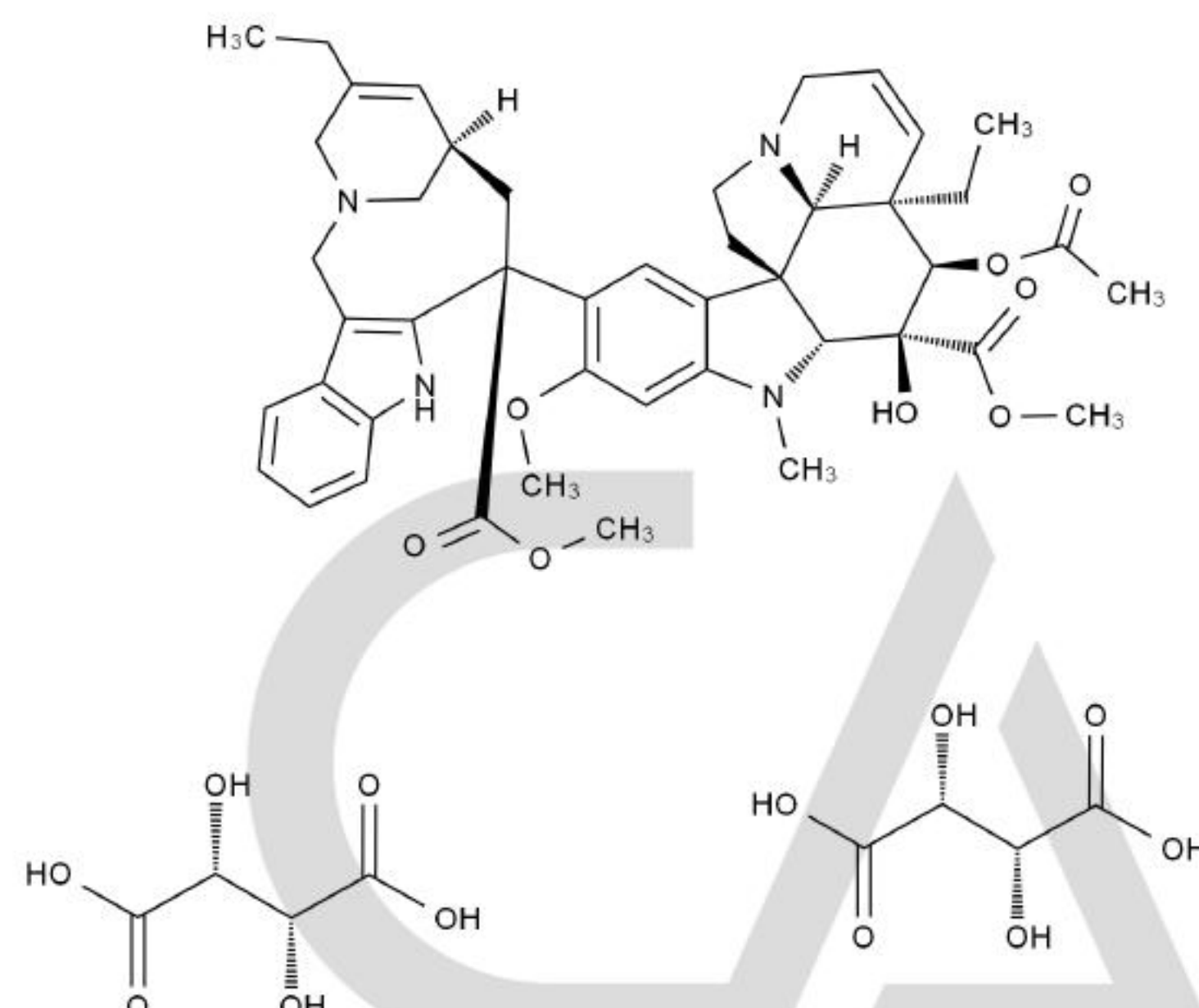


Certificate of Analysis

Reference Material & Standard

Product Name:	Vinorelbine Bitartrate	Catalogue Number:	C4X-2642
Synonyms:	N/A	Lot Number:	0809-RH-0077
CAS Number:	125317-39-7	Expiry Date:	Aug 12, 2030
Molecular Formula:	$C_{45}H_{54}N_4O_8 \cdot 2 \cdot C_4H_6O_6$	Storage:	-20°C ± 5°C Protected from light and Sealed
Molecular Weight:	778.93 $2 \cdot 150.09$	Shipping Condition:	Shipping with Ice Packs
Solubility:	Water		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.293%
Residue on Ignition	TGA	0.8382%
Loss on Drying	TGA	2.7826%
Assay		95.7%

Comment:

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

$Assay (\%) = (100\% - Residue\ on\ Ignition - Loss\ on\ Drying) \cdot Purity\ HPLC (\%) / 100\%$

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 19, 2026

Date: Aug 19, 2026

Date: Aug 19, 2026



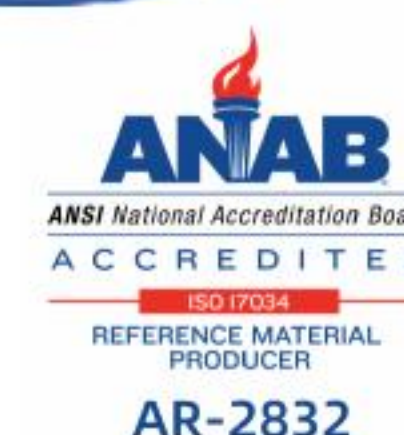
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