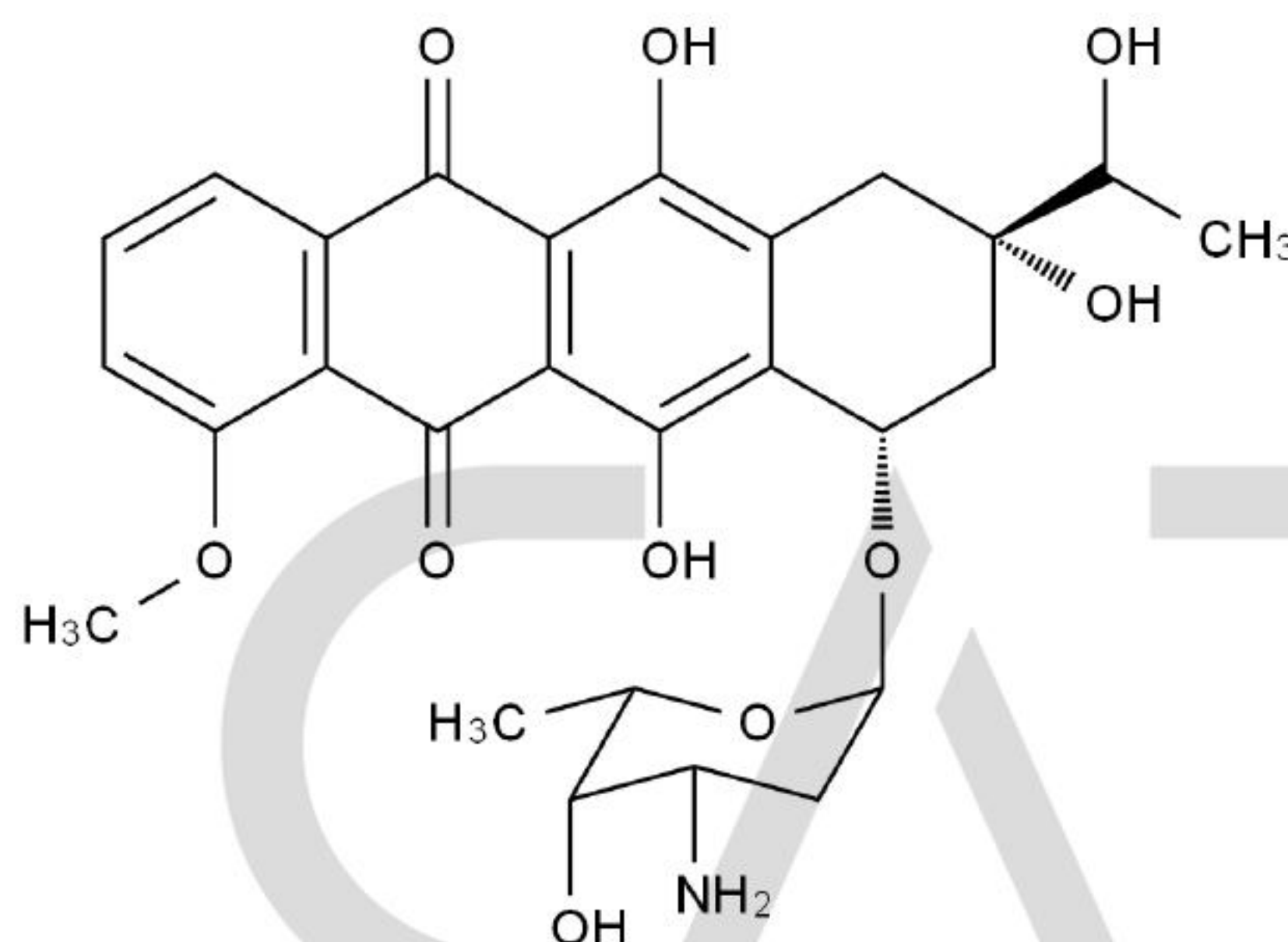


Certificate of Analysis

Reference Material & Standard

Product Name:	Daunorubicin EP Impurity B (Mixture of Diastereomers)	Catalogue Number:	C4X-19372
Synonyms:	N/A	Lot Number:	0102-RG-0104
CAS Number:	N/A	Expiry Date:	Dec 06, 2026
Molecular Formula:	C ₂₇ H ₃₁ NO ₁₀	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	529.54	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Red Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	96.60%
Loss On Drying	TGA	0.21%
Assay		96.4%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jan 06, 2025

Date: Jan 06, 2025

Date: Jan 06, 2025

