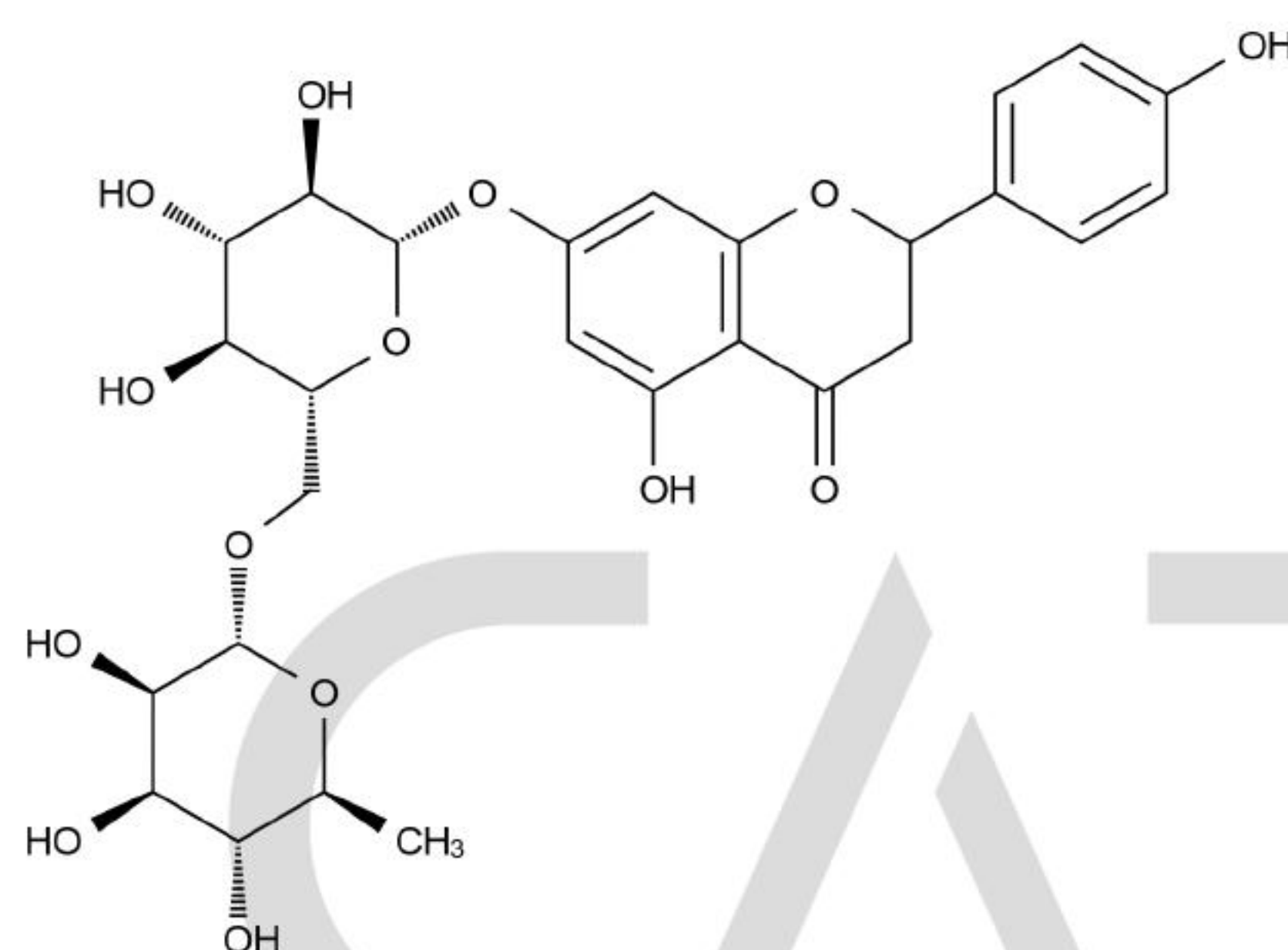


Certificate of Analysis

Reference Material & Standard

Product Name:	Diosmin Impurity 8 (Mixture of Diastereomers)	Catalogue Number:	C4X-11568
Synonyms:	N/A	Lot Number:	0217-RG-0090
CAS Number:	108815-81-2	Expiry Date:	Feb 20, 2028
Molecular Formula:	C ₂₇ H ₃₂ O ₁₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	580.53		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	1.8694%
Assay		98.1%

Comment:

- Mixture of Tautomer
- 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Feb 21, 2025

Date: Feb 21, 2025

Date: Feb 21, 2025

