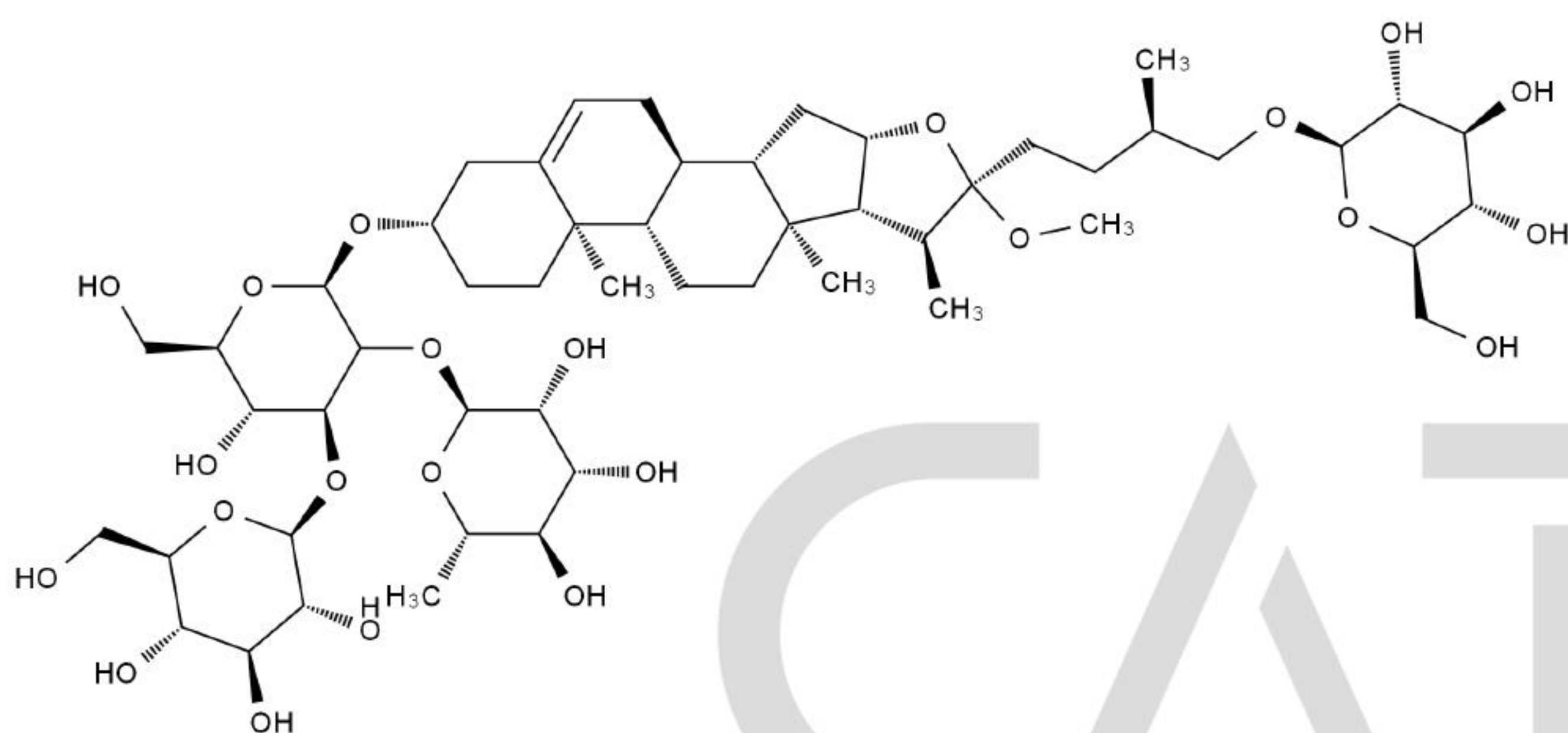


Certificate of Analysis

Reference Material & Standard

Product Name:	Methyl protogracillin	Catalogue Number:	CCPE900969
Synonyms:	N/A	Lot Number:	1011-RE-0010
CAS Number:	54522-53-1	Expiry Date:	Oct 12, 2026
Molecular Formula:	C52H86O23	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	1079.23		
Chemical Structure:			



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.0%
Assay	qNMR	95.9%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Aproved by General Manager:

David

Date: Oct 13, 2023

Date: Oct 13, 2023

Date: Oct 13, 2023

