

Certificate of Analysis

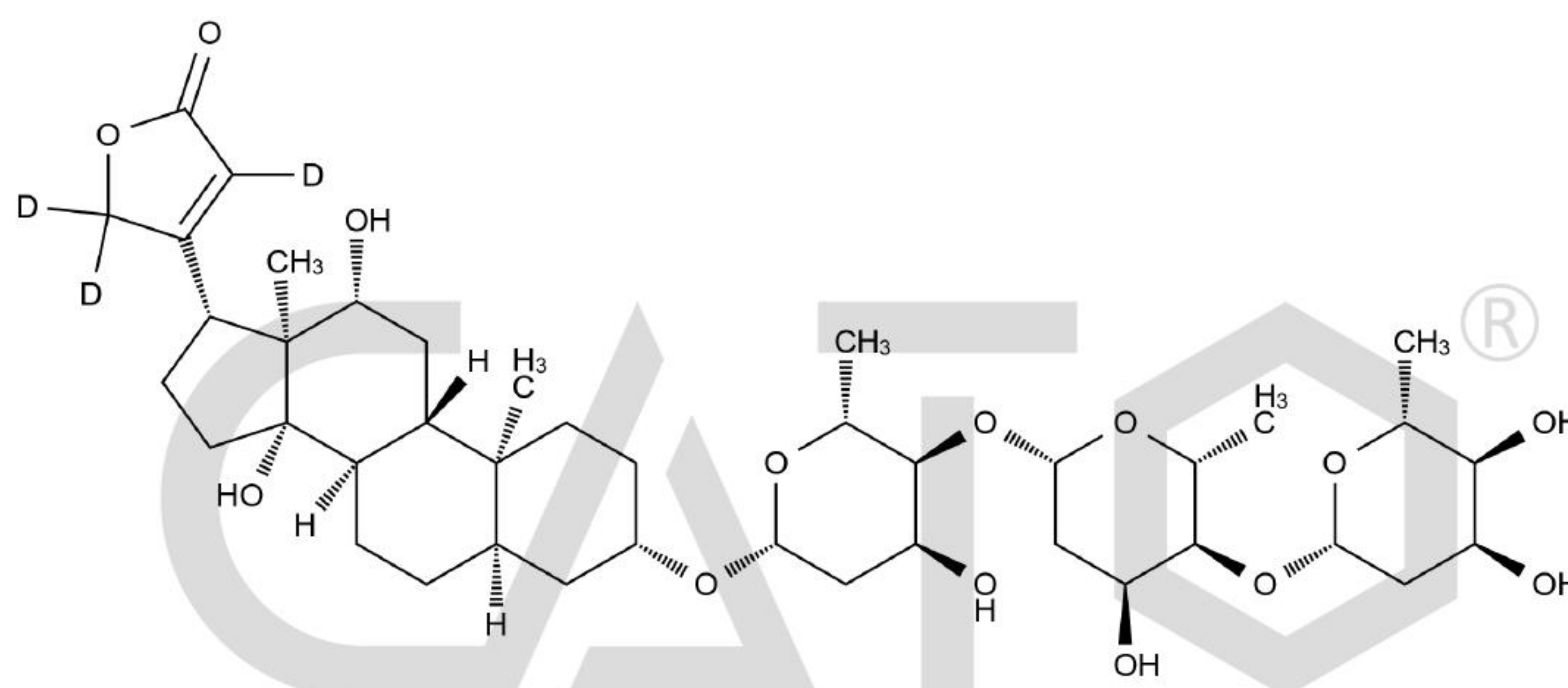
Reference Material & Standard

Product Name:	Digoxin-d3	Catalogue Number:	CP126103
Synonyms:	N/A	Lot Number:	1111-RD-0013
CAS Number:	20830-75-5 (non-labelled)	Expiry Date:	Jun 30, 2024
Molecular Formula:	C ₄₁ H ₆₁ D ₃ O ₁₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	783.96		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	HPLC	95.1042%
Isotopic Purity		99.6%
Water Content	Karl Fischer	0.9%
Residual Solvents	NMR	0.3% dimethylformamide
Specific Rotation		[α] _D ^{25.0} (c=0.53, CH ₃ OH): +16.9°
Assay		94.0%

Comment:

The calculation of the mass balance 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:

Hinlam

Reviewed by:

Xenia

Approved by General Manager:

David

Date: Jul 01, 2021

Date: Nov 17, 2022

Date: Nov 17, 2022

Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: https://www.cato-chem.com