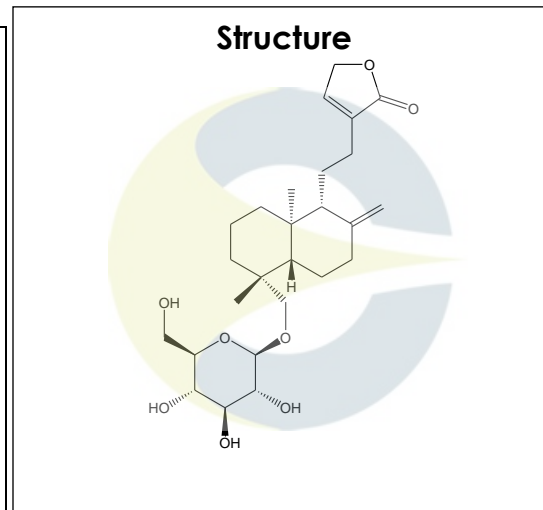


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<b>PRODUCT NAME</b>	Neoandrographolide
<b>PART NUMBER</b>	00001759
<b>STANDARD TYPE</b>	Analytical Standard (AS)
<b>LOT NUMBER</b>	00001759-002
<b>REPORT NUMBER</b>	CDXA-RSS-7174-01
<b>SAMPLE NUMBER</b>	CDXA-16-007269
<b>DATE OF SAMPLE</b>	06/06/2016
<b>DATE OF RE-EVALUATION</b>	06/30/2020
<b>DATE OF REPORT</b>	08/04/2020



<b>CHEMICAL NAMES</b>	3-[2-[(1R,4aS,5R,8aS)-5-[(β-D-Glucopyranosyloxy)methyl]decahydro-5,8a-dimethyl-2-methylene-1-naphthaleny]ethyl]-2(5H)-furanone; Neoandrographiside
<b>CHEMICAL FORMULA</b>	C <sub>26</sub> H <sub>40</sub> O <sub>8</sub>
<b>MOLECULAR WEIGHT (MW)</b>	480.59
<b>CHEMICAL FAMILY</b>	Diterpenes
<b>CAS NUMBER</b>	[27215-14-1]
<b>EC#(EINECS)</b>	NA
<b>RTECS</b>	LU4550470

**ANALYTICAL RESULTS**

TEST	METHOD	SPECIFICATION	RESULT
HPLC	0.700.10.2.METH22	NA	99.7%
Mass Spectrum	99.1-CDXA-2.0-000126	Conforms	Conforms
Appearance	NA	NA	White powder

**STORAGE CONDITIONS**

<b>STORAGE</b>	+4 °C in a dry place.
<b>EXPIRATION DATE</b>	06/2025 under the above conditions.

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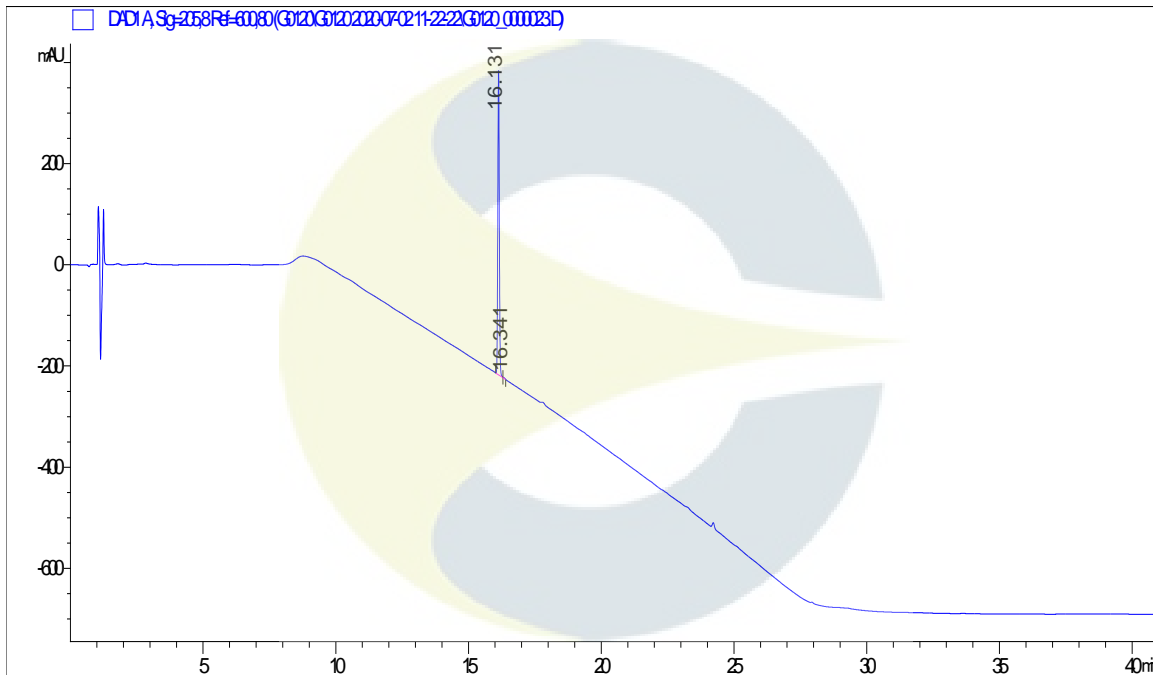
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## ANALYTICAL CONDITIONS

<b>INSTRUMENT</b>	AGILENT 1260 HPLC UV-VIS (DAD); AGILENT 6510 QTOF
<b>COLUMN</b>	Phenomenex Luna C18(2) 150 x 2.00 mm, 5 µm particle size
<b>MOBILE PHASE</b>	A - 0.1% Trifluoroacetic acid in Ultrapure water, B - Acetonitrile; Isocratic 5% B for 5 minutes, then increasing to 95% B over 20 minutes. Hold at 95% B for 15 minutes.
<b>COLUMN TEMP.</b>	60 °C
<b>FLOW RATE</b>	0.4 mL/minute
<b>INJECTION VOL.</b>	0.4 µL
<b>INJECTION CONC.</b>	1.4 mg/mL in Methanol
<b>DETECTION</b>	205 ± 4 nm

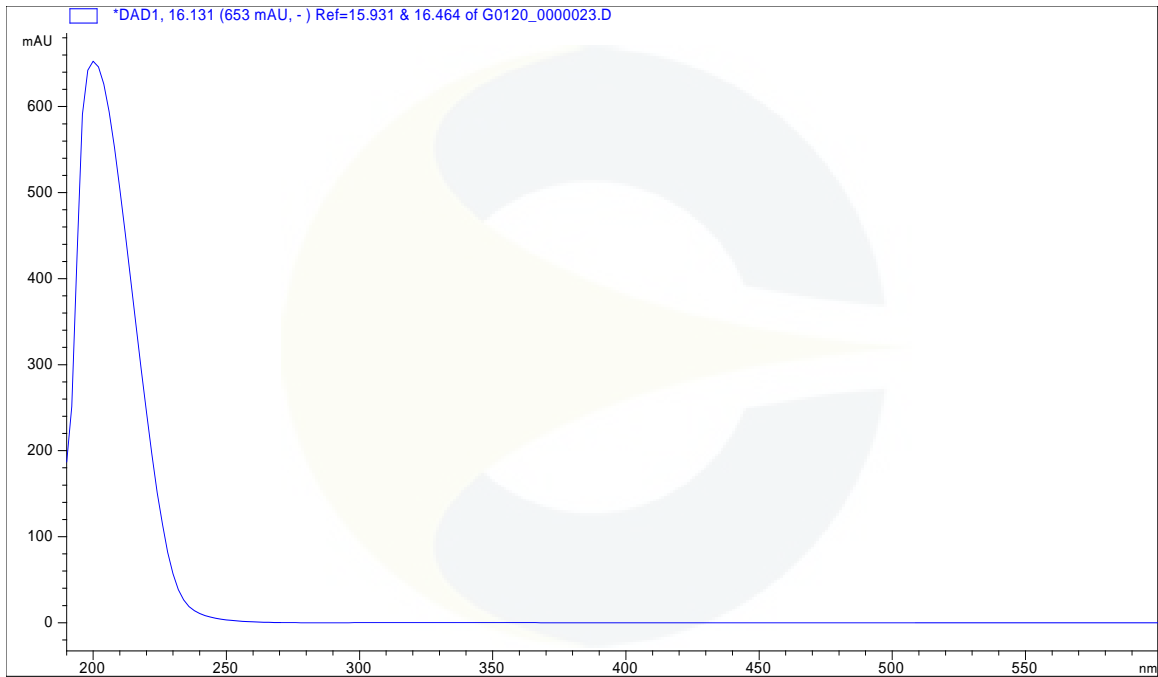
## HPLC CHROMATOGRAM OF NEOANDROGRAPHOLIDE (CDXA-16-007269)



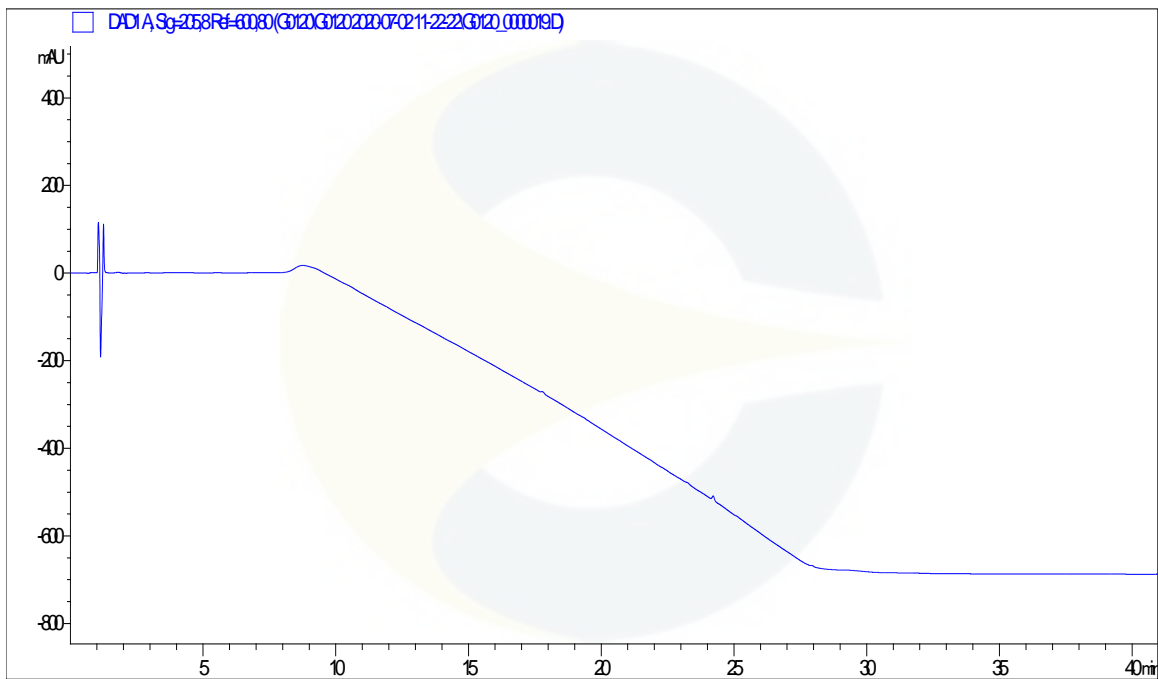
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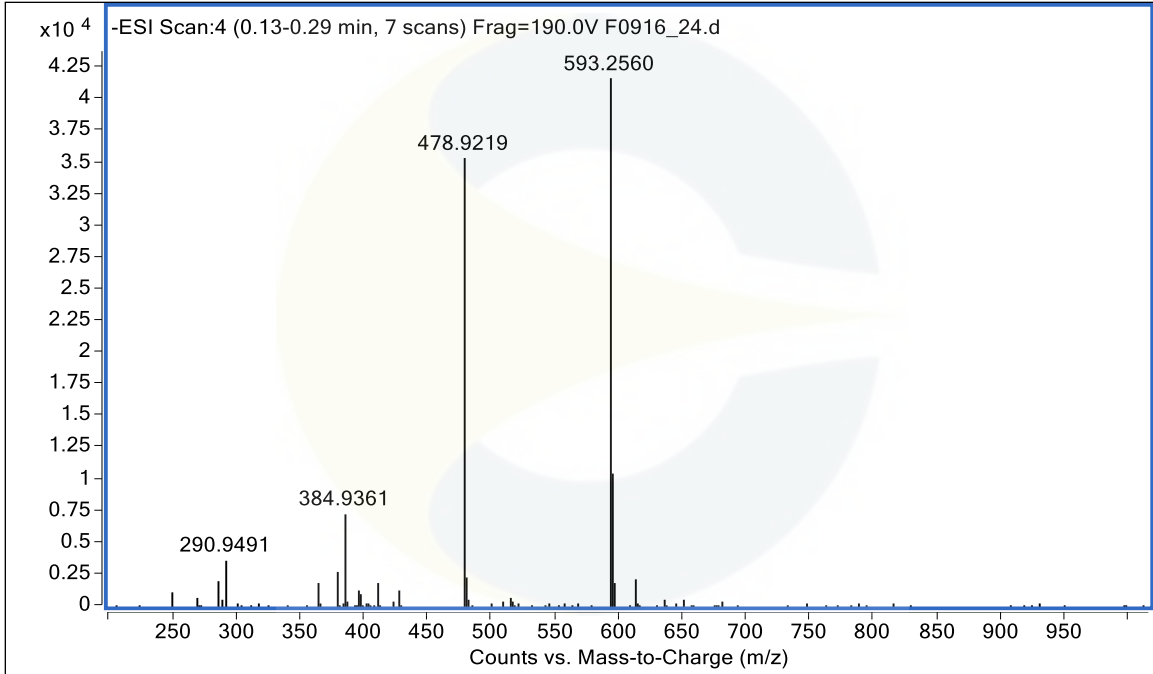
**UV SPECTRUM AT RT = 16.1 MINUTES**



**HPLC CHROMATOGRAM OF DILUENT BLANK**



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**MASS SPECTRUM OF NEOANDROGRAPHOLIDE (CDXA-16-007269)**

**REVISION HISTORY**

<u>Revision History</u>	<u>Date of Revision</u>	<u>Document/Changes</u>
00	06/29/2016	New report
01	08/04/2020	Passed re-evaluation by HPLC. Updated expiration date, analytical conditions, chromatograms, and results. Removed melting point and added RTECS number.

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