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PRODUCT NAME	Schisandrin A	Structure
PART NUMBER	00019504	
STANDARD TYPE	Primary (P)	° ° –
LOT NUMBER	00019504-151	
REPORT NUMBER	CDXA-RSS-6986-01	
SAMPLE NUMBER	CDXA-15-010662	
DATE OF SAMPLE	12/21/2015	
DATE OF RE-EVALUATION	01/17/2020	
DATE OF REPORT	01/31/2020	

Deoxyschisandrin; Schizandrin A; Wuweizisu A
$C_{24}H_{32}O_{6}$
416.51
Lignans
[61281-38-7]
NA
HP1595000

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
Adjusted Purity	NA	NA	99.1%
HPLC	0.700.10.2.METH22	NA	99.5%
NMR	99.1-CD-1.0-000122	Conforms to structure	Conforms to structure
Mass Spectrum	Direct Infusion: ESI (+)	Conforms	Conforms
Residual Solvent	99.1-CD-9.0-000115	NA	Hexanes: 0.1 % EtOAc: 0.3 %
Water	0.700.12.37	NA	ND
Appearance	NA	NA	White powder

ADJUSTED PURITY: 99.1% IS BASED ON (100 - 0.4 SOLVENTS - 0.0 WATER) X 99.5% HPLC

STORAGE CONDITIONS

STORAGE -20 °C in a dry place.

EXPIRATION DATE 01/2025 under the above conditions.

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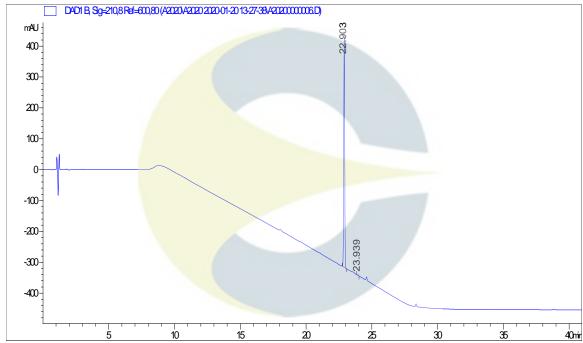
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ANALYTICAL CONDITIONS

INSTRUMENT	AGILENT 1260 HPLC UV-VIS (DAD); AGILENT 6510 QTOF
COLUMN	Phenomenex Luna C18(2) 150 x 2.00 mm, 5 µm particle size
MOBILE PHASE	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.
COLUMN TEMP.	60 °C
FLOW RATE	0.4 mL/minute
INJECTION VOL.	0.2 μL
INJECTION CONC.	1.3 mg/mL in Methanol
DETECTION	210 ± 4 nm

HPLC CHROMATOGRAM OF SCHISANDRIN A (CDXA-15-010662)





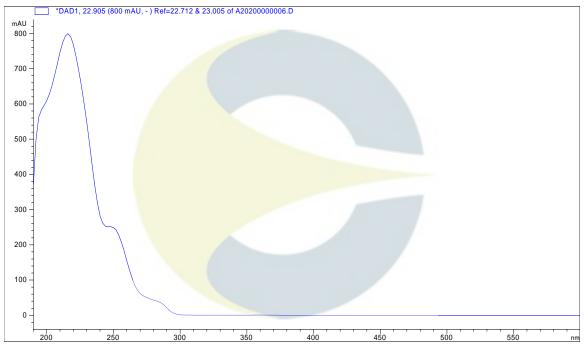


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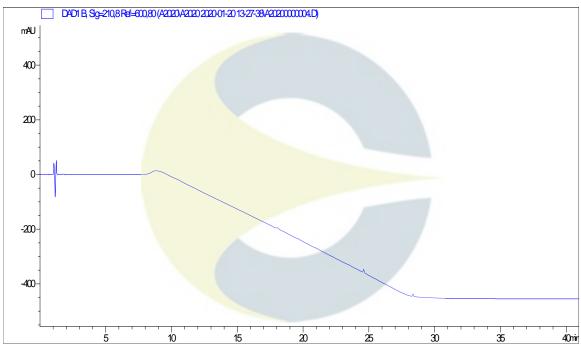
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UV SPECTRUM AT RT = 22.9 MINUTES



HPLC CHROMATOGRAM OF DILUENT BLANK



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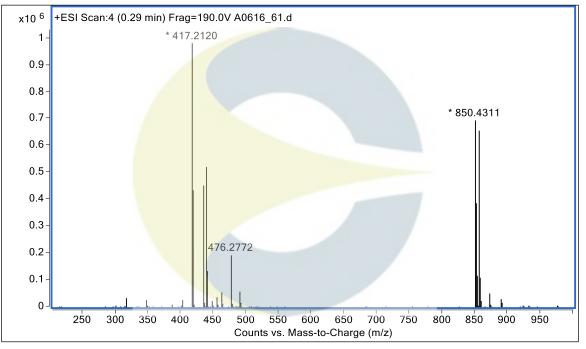


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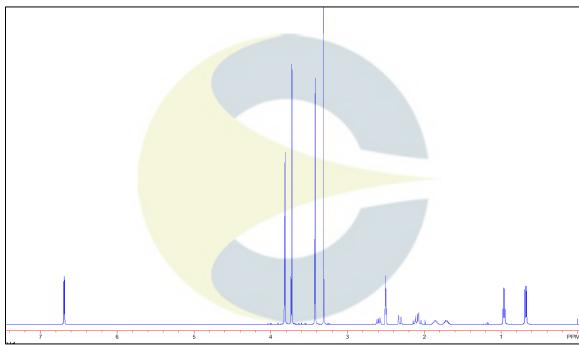
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¹H-NMR SPECTRUM OF SCHISANDRIN A (CDXA-15-010662) IN DMSO-d₆



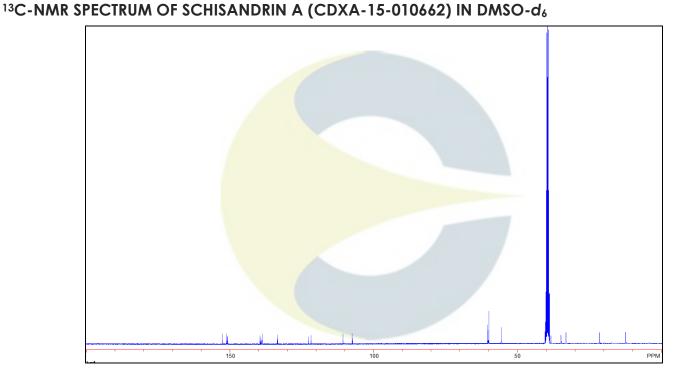




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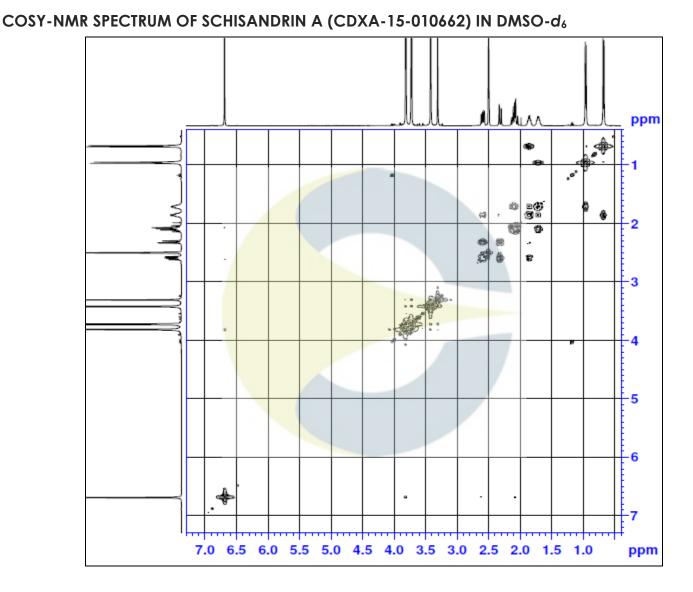




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REVISION HISTORY

<u>Revision History</u>	Date of Revision	Document/Changes
00	01/18/2016	New report
01	01/31/2020	Updated expiration date, chromatograms, analytical results, and analytical conditions