

Name: Z-Indirubin-D4 (major)
Lot#: GR-13-195
Test Date: 06/20/2019 (re-test date: 06/20/2024)
CAS No.: 906748-38-7, 479-41-4 (unlabelled)
MF: C₁₆H₆D₄N₂O₂
MW: 266.29
Appearance: Burgundy Solid
Purity: 99.3% by HPLC; >98% atom D
¹H-NMR: Conforms (shows a trace of THF)
MS-ESI (+) Conforms (shows peak at m/z = 267.11 [M+H]⁺)

Approved by:

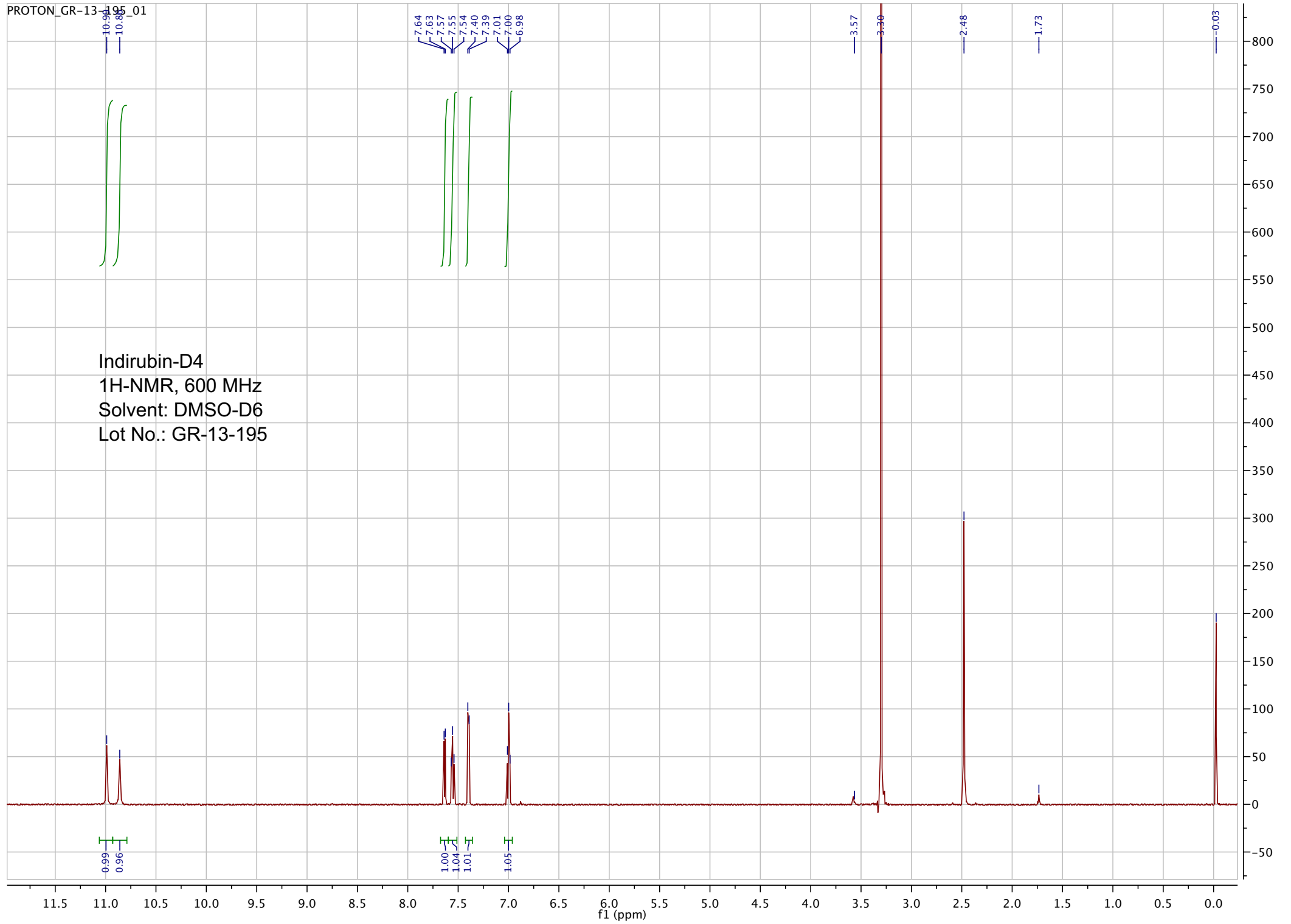
Date: 06/24/2019



Viorica Rusu, QC/QA Manager

PROTON_GR-13-195_01

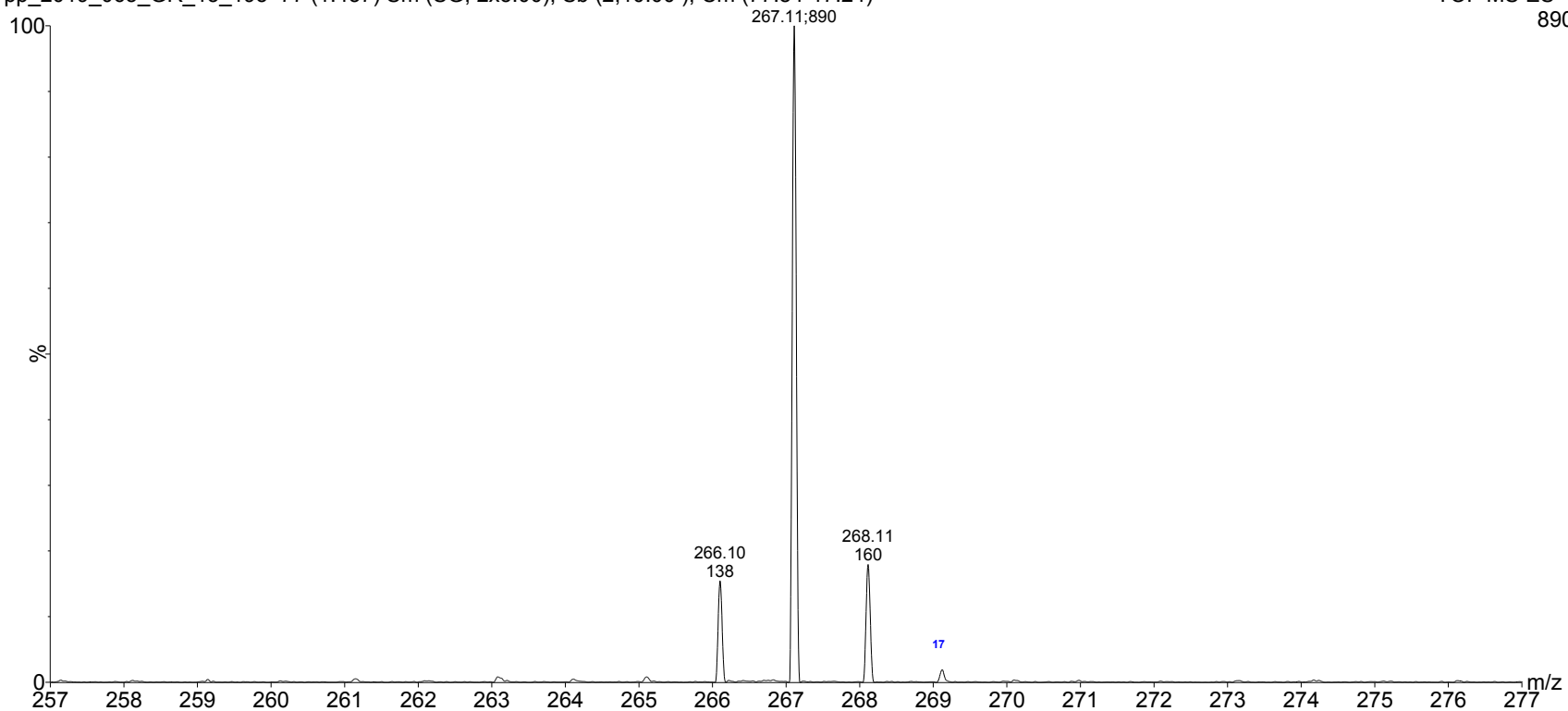
Indirubin-D4
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-13-195



24-Jun-2019, 12:01:54

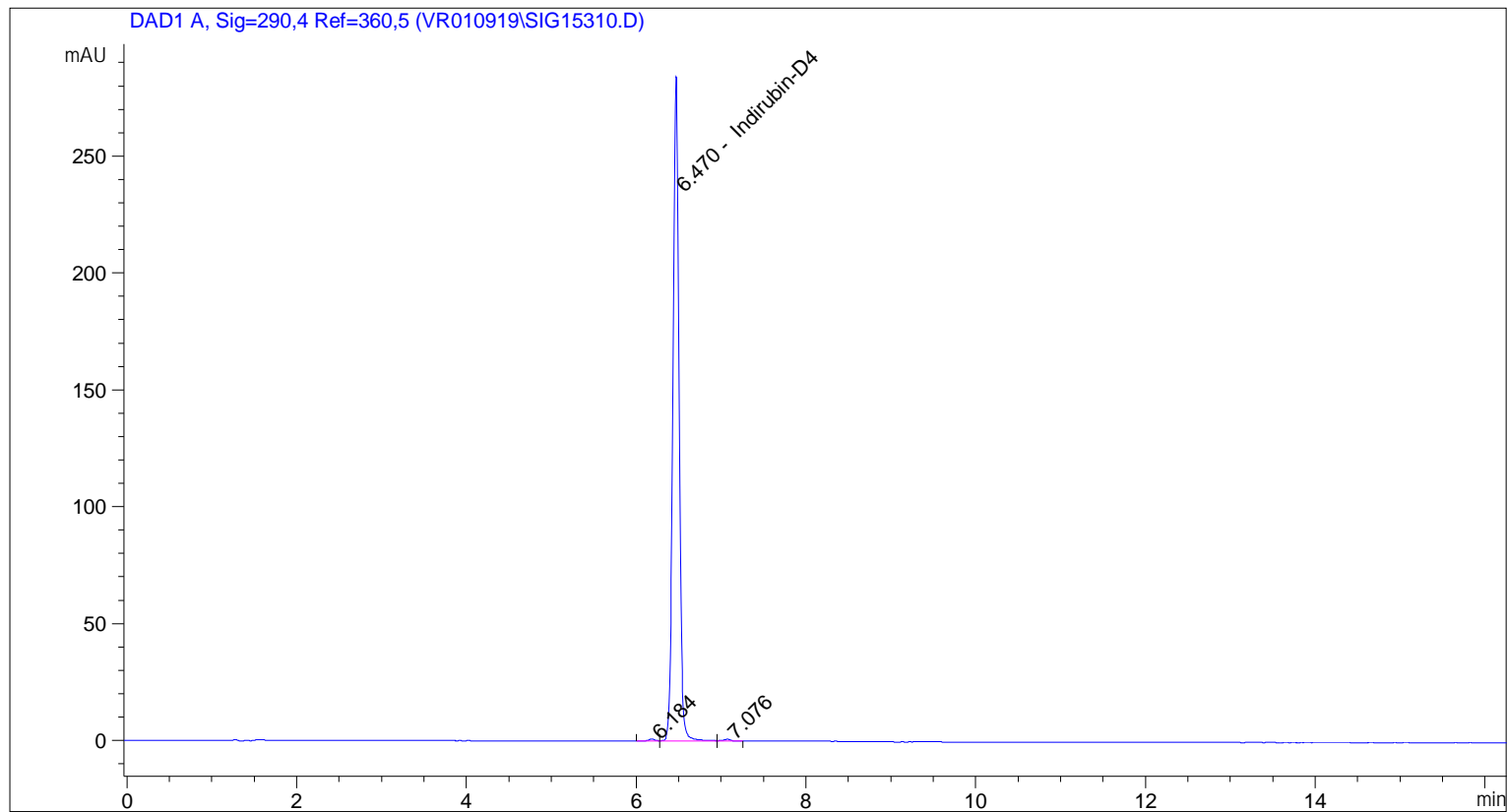
TOF MS ES+
890

pp_2019_065_GR_13_195 77 (1.437) Sm (SG, 2x5.00); Sb (2,10.00); Cm (77:84-17:24)



Raw ESI-MS spectrum for sample GR-13-195. Shows monoisotopic $[M+H]^+$ mass.

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 57
Injection Date : 6/20/2019 12:51:53 PM Inj Volume : 20.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR062019_195.M
Last changed : 6/20/2019 12:49:53 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR062019_195PM.M
Last changed : 6/20/2019 1:12:19 PM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 6/20/2019 1:11:38 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=290,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	6.184	BV	0.0912	4.88599	0.3375	?
2	6.470	VV	0.0788	1437.89319	99.3312	Indirubin-D4
3	7.076	VB	0.0871	4.79505	0.3312	?

Totals : 1447.57423