

产品分析证书 Certificate of Analysis

产品信息(Product Information)

产品编号 (CAT No.): N0306

中文名称: 鸦胆子内酯A

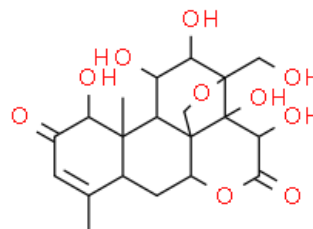
English Name: Yadanziolide A

CAS No.: 95258-14-3

分子式 (M. F.): C₂₀H₂₆O₁₀

分子量 (M. W.): 426.418

批号 (Batch No.): N0306-20mg-M230327110216



检测项目及结果 (Specifications&results)

检验项目 (Test Item)	检验规格 (Specifications)	检验结果 (Results)
颜色 Color	白色至类白色 (White to Off-white)	类白色 (Off-white)
外观 Appearance	粉末或固体 (Powder or Solid)	粉末 (Powder)
纯度 Purity	98%	Conforms
质谱 Mass	Comply with the structure	Conforms
核磁 NMR	Comply with the structure	Conforms

检测信息 (Detection Information)

色谱柱 (Column)	Agilent 5HC-C18, 4.6*250mm, 5μm
流动相 (Mobile phase)	A, Acetonitrile B, 0.1% Phosphoric acid in water;; Gradient elution: A, 5%-15%, 15min
检测波长 (Detection mode)	245nm
柱温 (Column temperature)	30℃

贮存条件 (Storage): 2~8℃, protected from light, keep package airproofed. <-15℃ when not in use for a long time. (密封保存, 置于阴凉干燥处, 长期不使用最好放置于-15℃以下环境中)

温馨提示 (Reminder): The sample solutions should be prepared immediately before use. (请现配现用)



QA: Joy Li

产品售后 (After-sale service): In case of quality issue, please contact us within 15 days after receipt of the product. (若对于我们的产品质量有任何疑问, 请于收到货后 15 天内联系我们)

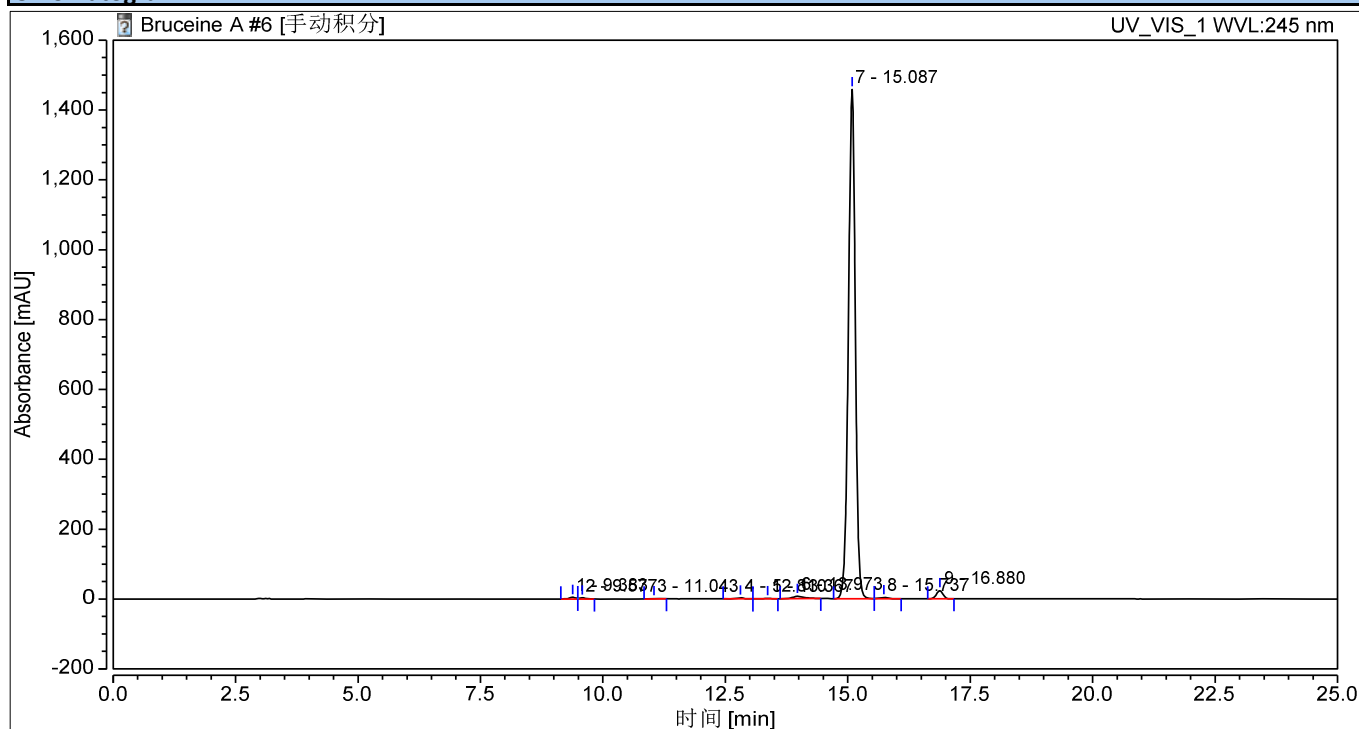
(We appreciate you much when publishing your paper and marking the chemical purchase from Naturewill Biotechnology Co., Ltd. (Chengdu, China) 当发表论文时, 请您标注化合物购买于四川恒诚致远生物科技有限公司, 非常感谢您的支持。)

HPLC Report

Injection Details

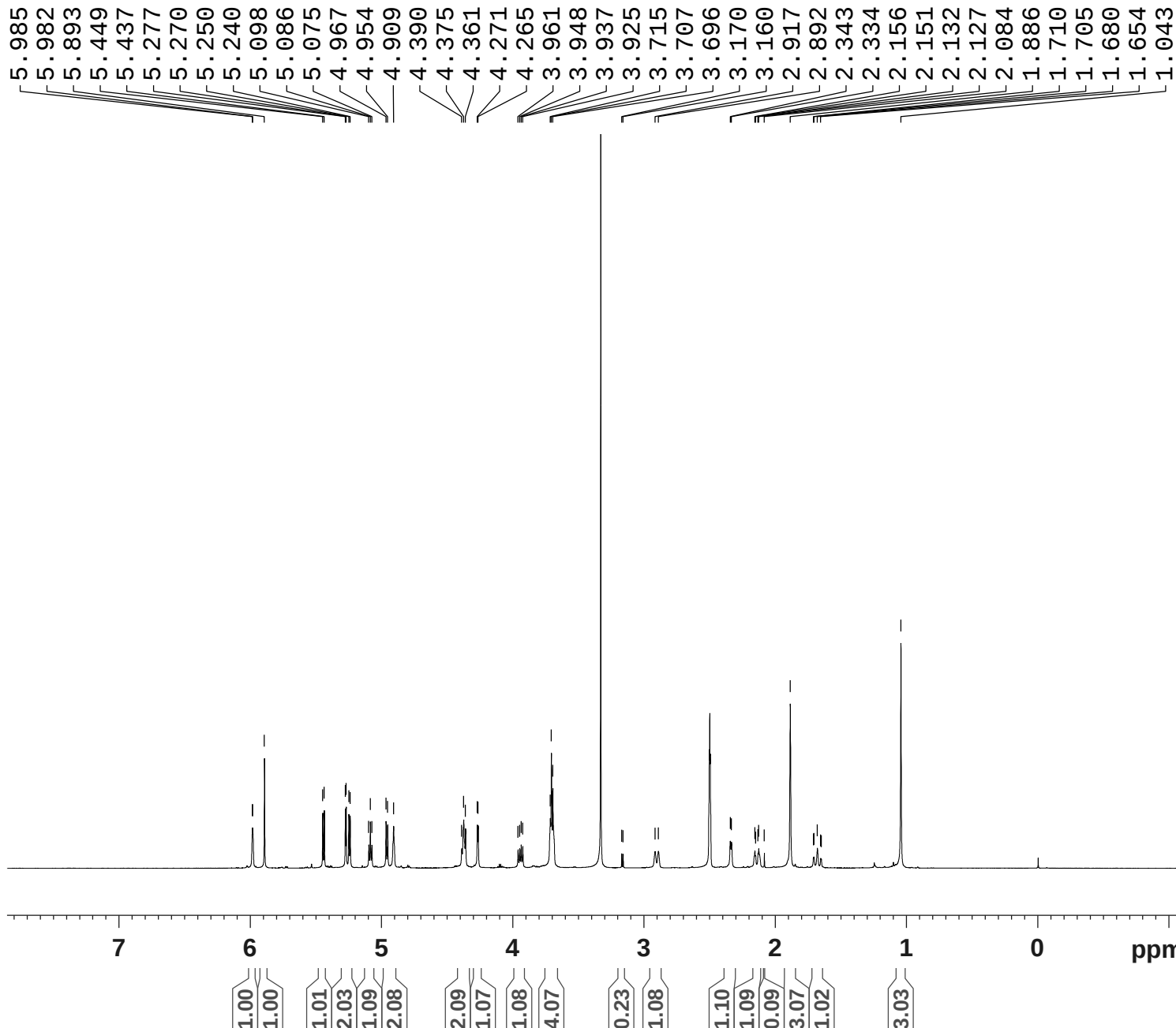
Injection Name:	Yadanzilide A	Run Time (min):	25.00
Vial Number:	BC1	Injection Volume:	10.00
Injection Type:	未知	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	245.0
Instrument Method:	Bruceine A	Bandwidth:	4
Processing Method:	Bruceine A	Dilution Factor:	1.0000
Injection Date/Time:	2021/11/29 13:14	Sample Weight:	1.0000

Chromatogram



Integration Results

No	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Plates (USP)	Resolution (USP)	Asymmetry
1	9.383	0.665	4.737	0.27	25715	0.82	n.a.
2	9.577	0.487	3.530	0.20	25497	6.31	n.a.
3	11.043	0.231	1.525	0.09	38606	7.63	1.19
4	12.810	0.488	3.071	0.20	46243	2.15	0.88
5	13.367	0.241	1.337	0.10	36692	1.80	0.83
6	13.973	1.819	6.719	0.73	19943	3.41	1.21
7	15.087	240.390	1458.213	96.61	55258	2.36	0.96
8	15.737	0.776	3.971	0.31	46069	4.25	n.a.
9	16.880	3.732	24.092	1.50	76478	n.a.	0.97
Total:		248.828	1507.196	100.00	370501.00		



Current Data Parameters
 NAME 10112923
 EXPNO 19
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20191222
 Time 16.54
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 65536
 SOLVENT DMSO
 NS 16
 DS 2
 SWH 10000.000 Hz
 FIDRES 0.152588 Hz
 AQ 3.2767999 sec
 RG 140.69
 DW 50.000 usec
 DE 6.50 usec
 TE 296.1 K
 D1 1.00000000 sec
 TD0 1

===== CHANNEL f1 =====
 SF01 500.1130884 MHz
 NUC1 1H
 P1 9.42 usec
 PLW1 22.00000000 W

F2 - Processing parameters
 SI 65536
 SF 500.1100061 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

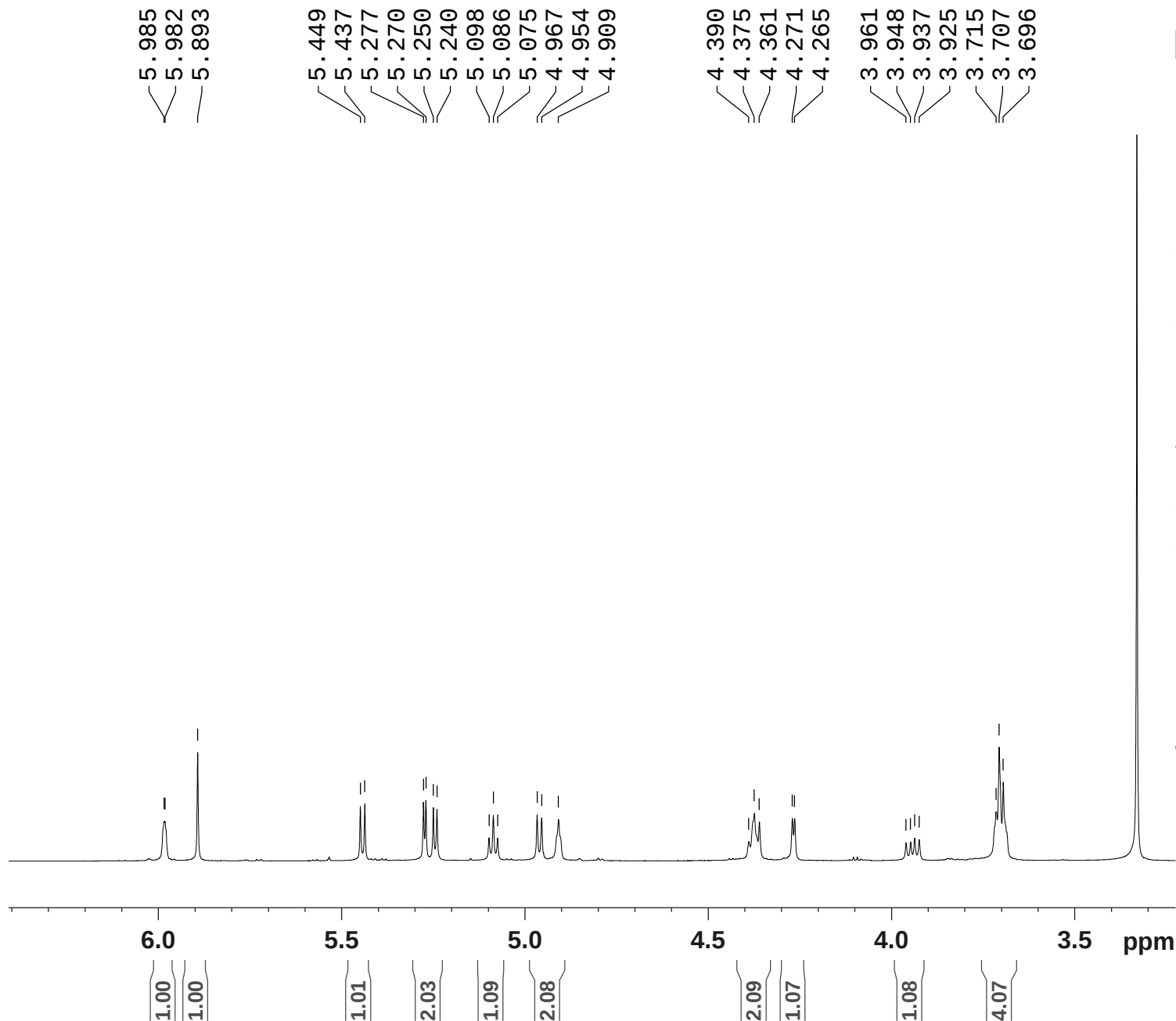


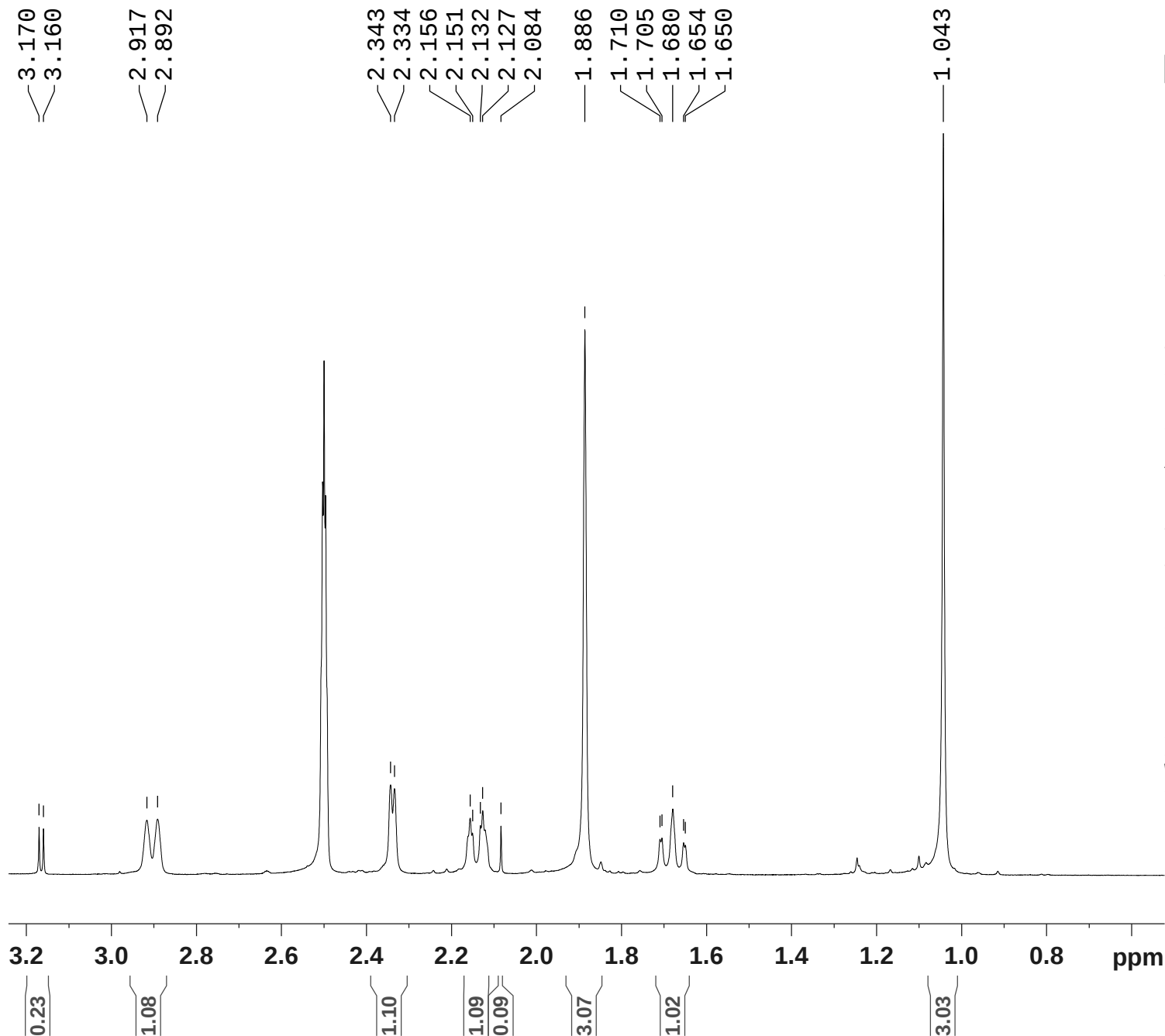
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