

产品分析证书

Certificate of Analysis

产品信息(Product Information)

产品编号 (CAT No.): N0309

中文名称: 鸦胆子素E

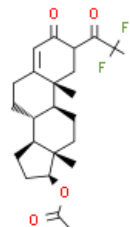
English Name: Bruceine E

CAS No.: 21586-90-3

分子式 (M. F.): C₂₀H₂₈O₉

分子量 (M. W.): 412.435

批号 (Batch No.): N0309-20mg-M230327110220



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)	Thermo HyPURITY C18 4.6*150mm, 3.0μm
流动相 (Mobile phase)	A, Acetonitrile B, 0.1% Phosphoric acid in water; Gradient elution: A, 5%-15%, 15min-80%, 10min
检测波长 (Detection mode)	210nm
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

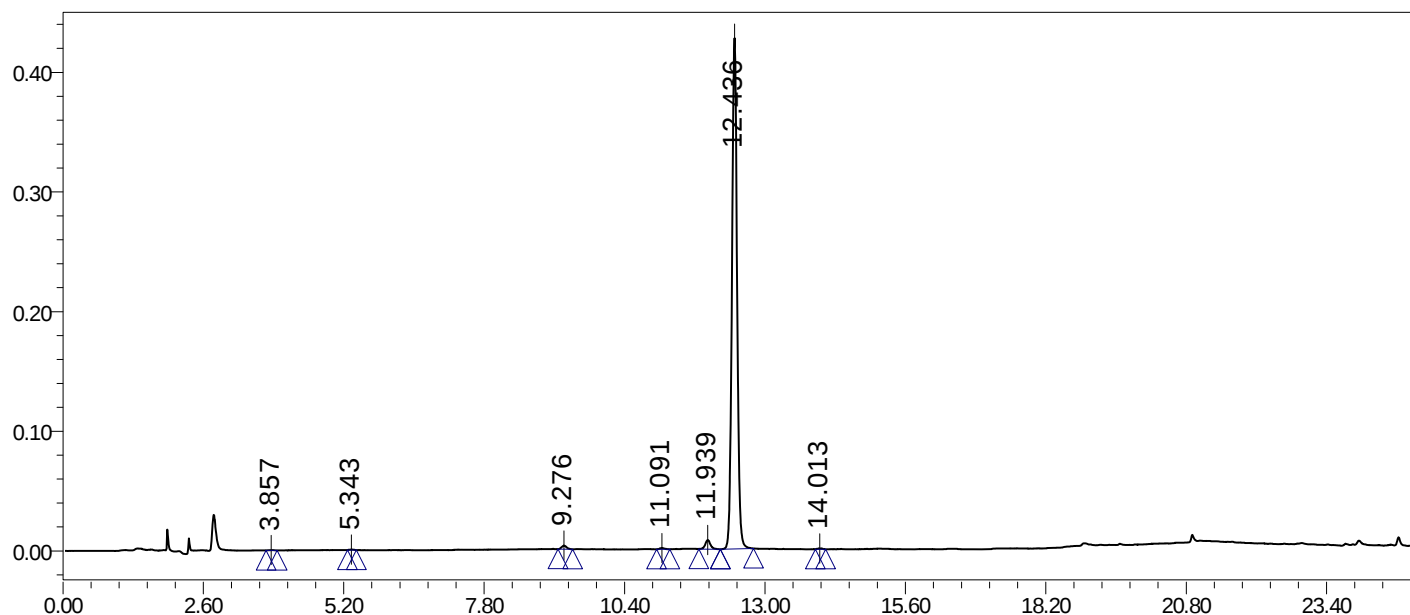
产品售后 (After-sale service): In case of quality issue, please contact us within 15 days after receipt of the product. (若对于我们的产品质量有任何疑问, 请于收到货后 15 天内联系我们)

(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。)

SAMPLE INFORMATION

Sample Name:	Bruceine E	Acquired By:	PRF01
Sample Type:	未知	Sample Set Name	
Vial:	25	Acq. Method Set:	Bruceine E
Injection #:	1	Processing Method	sample
Injection Volume:	10.00 ul	Channel Name:	2998 Ch1 210 纳米@4.8 纳米
Run Time:	30.0 Minutes	Proc. Chnl. Descr.:	2998 Ch1 210 纳米@4.8 纳米
Date Acquired:	2022/8/3 9:40:41 CST		
Date Processed:	2022/8/3 10:38:13 CST		

Auto-Scaled Chromatogram



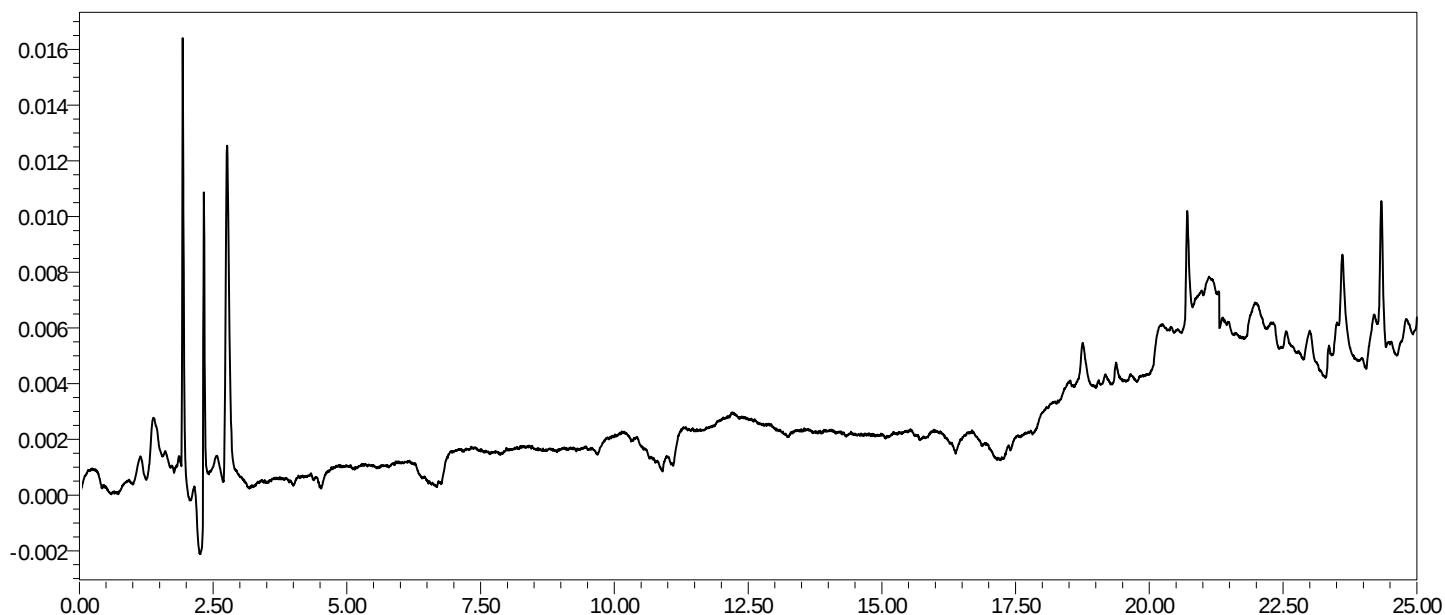
Peak Results

	RT	Area	% Area	Height	Plate Count	Resolution
1	3.857	2481	0.09	430	19478.74	
2	5.343	1735	0.06	352	15078.20	10.04
3	9.276	18572	0.64	2969	51726.77	27.71
4	11.091	5436	0.19	935	92837.35	10.52
5	11.939	50803	1.75	7519	74800.31	4.97
6	12.436	2812889	97.13	426900	84493.69	2.86
7	14.013	3966	0.14	657	120980.86	8.99

SAMPLE INFORMATION

Sample Name:	Bruceine E	Acquired By:	01
Sample Type:	未知	Sample Set Name	
Vial:	57	Acq. Method Set:	Bruceine E
Injection #:	1	Processing Method	sample
Injection Volume:	10.00 ul	Channel Name:	2998 Ch1 210 纳米@4.8 纳米
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	2998 Ch1 210 纳米@4.8 纳米
Date Acquired: 2022/8/3 10:13:46 CST			
Date Processed: 2022/8/3 10:41:16 CST			

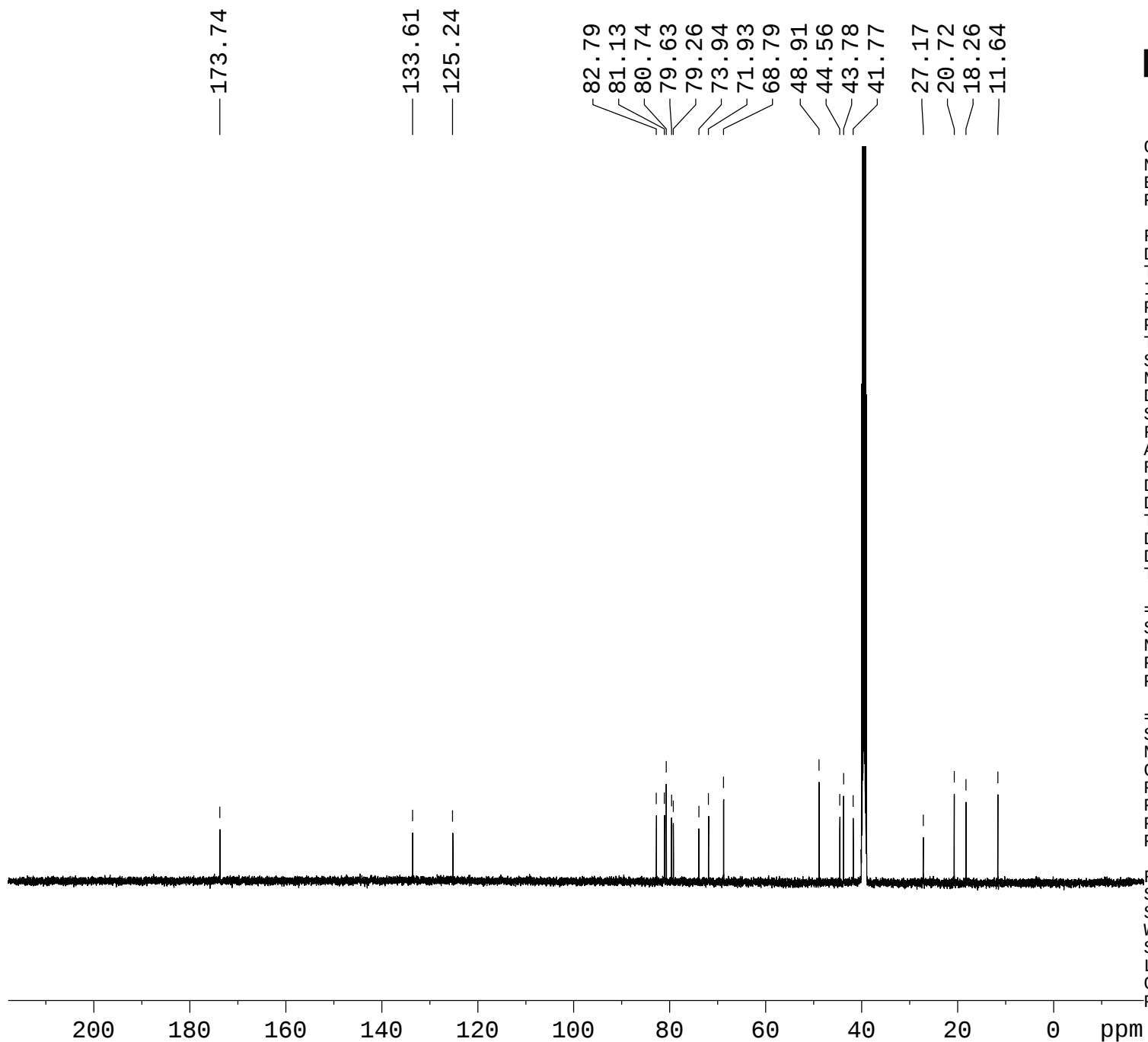
Auto-Scaled Chromatogram



Peak

1

1



Current Data Parameters
 NAME 10112928
 EXPNO 30
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20191224
 Time 11.48
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 65536
 SOLVENT DMSO
 NS 2000
 DS 4
 SWH 29761.904 Hz
 FIDRES 0.454131 Hz
 AQ 1.1010048 sec
 RG 194.39
 DW 16.800 usec
 DE 6.50 usec
 TE 297.4 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TD0 1

===== CHANNEL f1 =====
 SF01 125.7653342 MHz
 NUC1 13C
 P1 9.01 usec
 PLW1 84.00000000 W

===== CHANNEL f2 =====
 SF02 500.1120004 MHz
 NUC2 1H
 CPDPRG[2] waltz16
 PCPD2 80.00 usec
 PLW2 22.00000000 W
 PLW12 0.30502999 W
 PLW13 0.19521999 W

F2 - Processing parameters
 SI 32768
 SF 125.7528194 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

—173.74

—133.61

—125.24

82.79
81.13
80.74
79.63
79.26
73.94
71.93
68.79



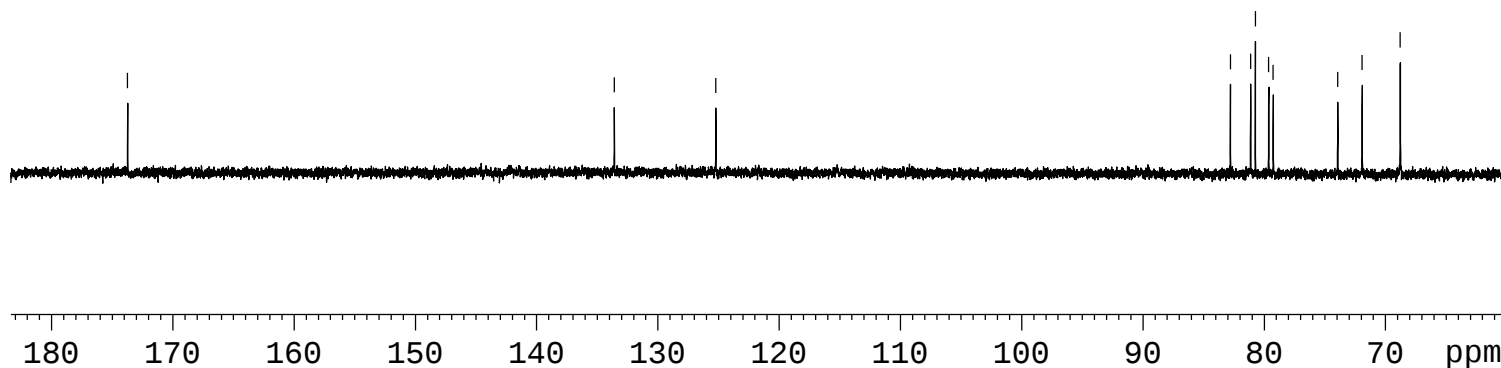
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EXPNO 30
PROCNO 1

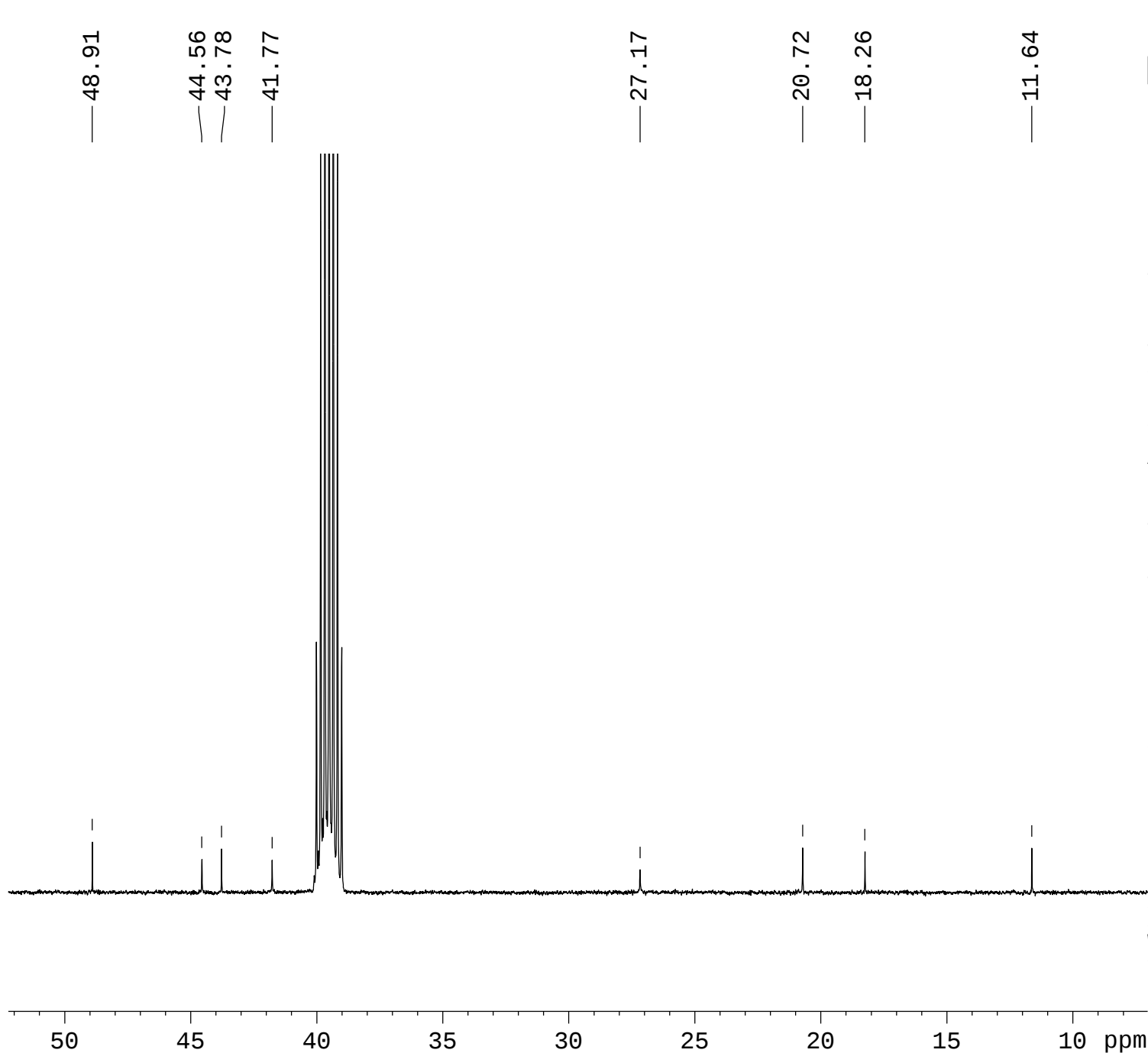
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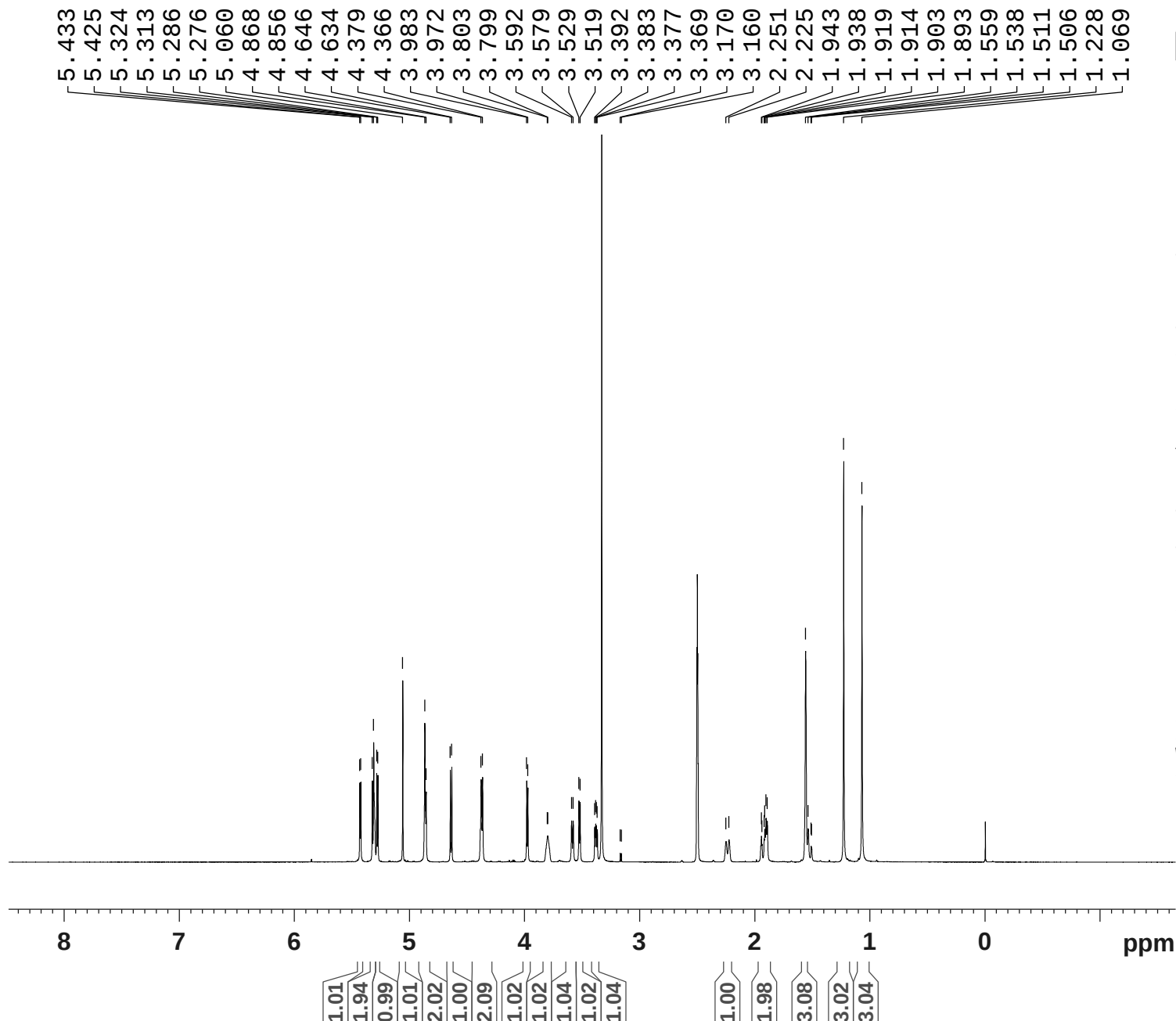


Current Data Parameters
NAME 10112928
EXPNO 28
PROCNO 1

F2 - Acquisition Parameters
Date_ 20191222
Time 16.42
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 154.83
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 500.1100054 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



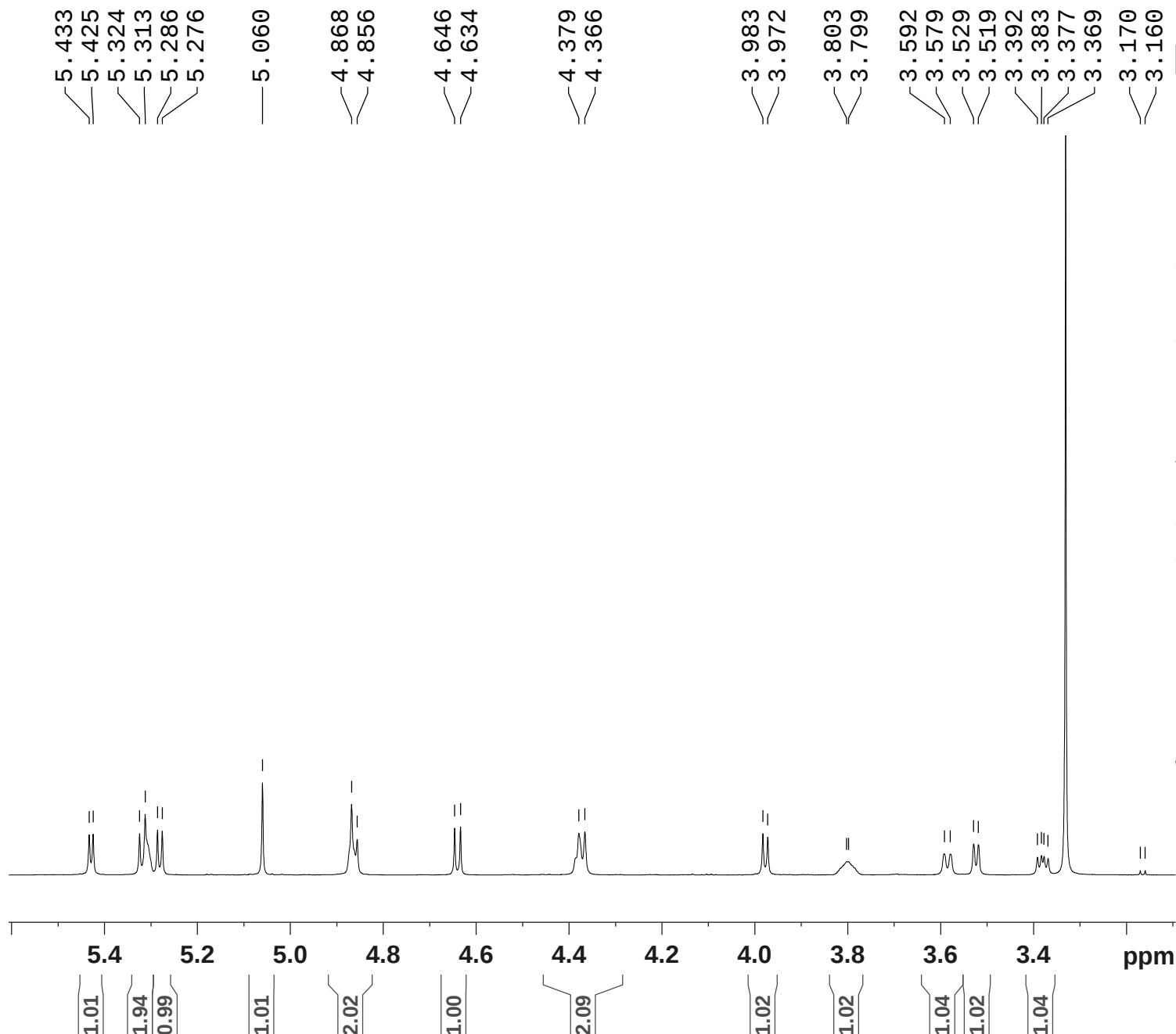


Current Data Parameters
NAME 10112928
EXPNO 28
PROCNO 1

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Date_ 20191222
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SOLVENT DMSO
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DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2767999 sec
RG 154.83
DW 50.000 usec
DE 6.50 usec
TE 296.1 K
D1 1.00000000 sec
TD0 1

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NUC1 1H
P1 9.42 usec
PLW1 22.00000000 W

F2 - Processing parameters
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SF 500.1100054 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





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