

产品分析证书
Certificate of Analysis

产品信息(Product Information)

产品编号 (CAT No.): N1970

中文名称: 苍术素

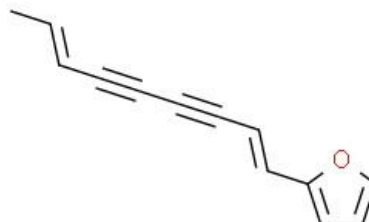
English Name: Atractylodin

CAS No.: 55290-63-6 分子

式 (M. F.): C₁₃H₁₀O 分子量

(M. W.): 182.222

批号 (Batch No.): M221014013806



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	浅褐色至褐色 (Light brown to Brown)	褐色 (Brown)
外观 Appearance	粉末或固体 (Powder or Solid)	固体 (Solid)
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)	Hypersil ODS-2 250*4.6mm 5μm
流动相 (Mobile phase)	甲醇: 水=80:20 (Methanol: Water =80:20)
检测波长 (Detection mode)	340nm
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)

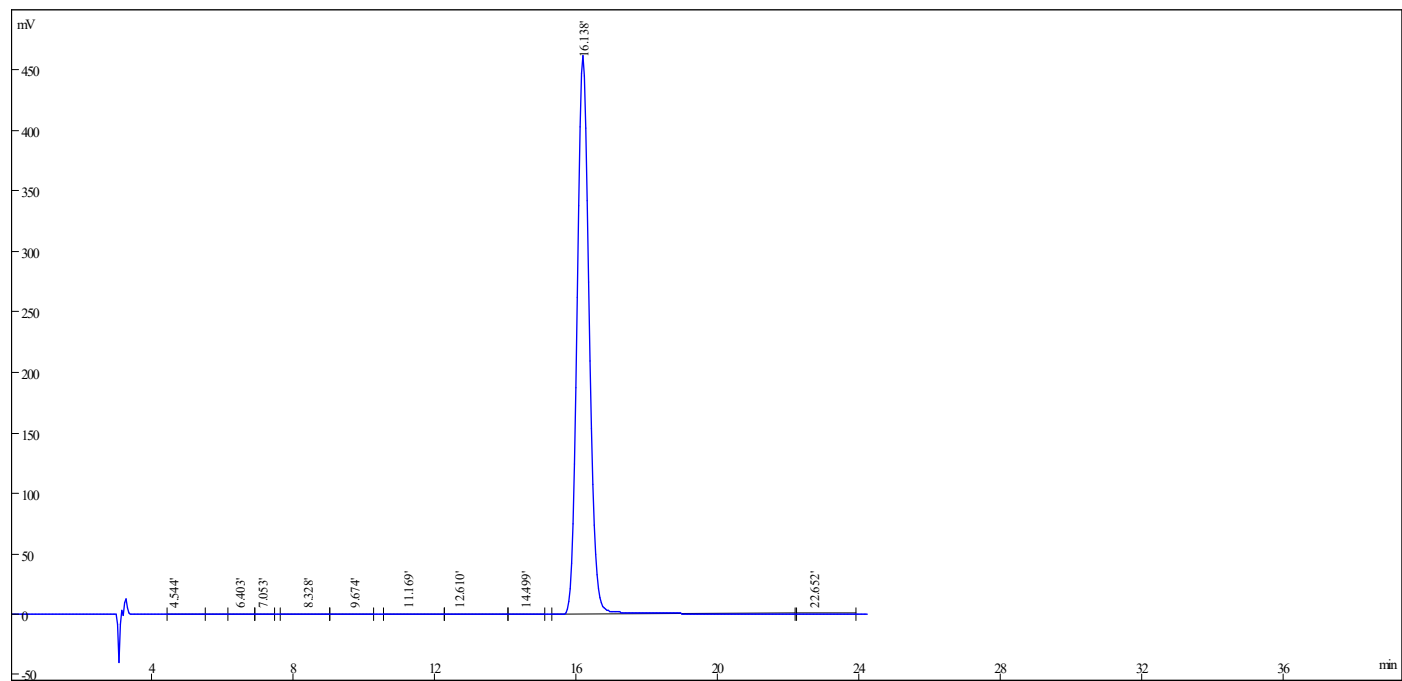


QA: Joy Li

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)

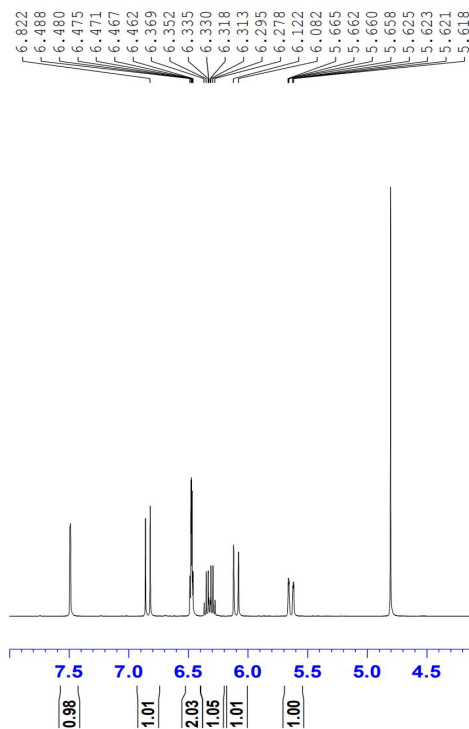
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HPLC



序号	保留时间	名称	浓度	峰面积
1	4.544		0.028	3164
2	6.403		0.01207	1363
3	7.053		0.006267	708
4	8.328		0.0109	1231
5	9.674		0.02605	2944
6	11.169		0.03334	3768
7	12.610		0.01581	1786
8	14.499		0.01061	1199
9	16.138		99.82	11279306
10	22.652		0.04387	4957
总计			100	11300426

NMR

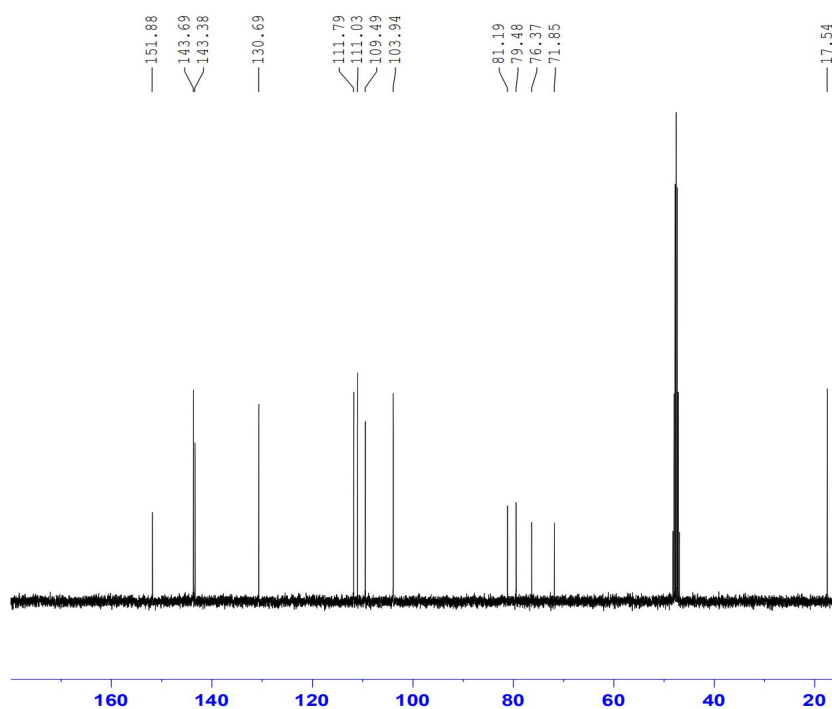


Current Data Parameters
NAME CangZhuJiaSu-1H NMR CD3OD
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20170401
Time 16.58
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT MeOD
NS 9
DS 2
SWH 8012.820 Hz
FIDRES 0.122266 Hz
AQ 4.0894465 sec
RG 102.99
DW 62.400 usec
DE 6.50 usec
TE 301.1 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 400.1324710 MHz
NUC1 1H
P1 14.79 usec
PLW1 11.50800037 W

F2 - Processing parameters
SI 65536
SF 400.1300090 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00
SR 9.00 Hz



Current Data Parameters
NAME CangZhuJiaSu-13C NMR CD3OD
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20170401
Time 17.18
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgig30
TD 65536
SOLVENT MeOD
NS 42
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631488 sec
RG 202.5
DW 20.800 usec
DE 6.50 usec
TE 301.1 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6228298 MHz
NUC1 13C
P1 10.13 usec
PLW1 51.00000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG[2] waltz16
PCPD2 90.00 usec
PLW2 11.50800037 W
PLW12 0.31077999 W

F2 - Processing parameters
SI 262144
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40
SR 0 Hz