产品分析证书
Certificate of Analysis

产品信息(Product Information)

产品编号（CAT No.）: N1685

中文名称：松脂醇二葡萄糖苷

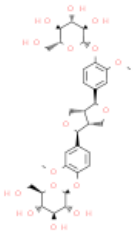
English Name：Pinoresinol diglucoside

CAS No.: 63902-38-5

分子式 (M. F.): C32H42O16

分子量 (M. W.): 682.672

批号 (Batch No.): N23081658505



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）	Chrom Core TM 120C18(4.6mm*250mm;5um)
流动相(Mobile phase)	甲醇：水
检测波长(Detection mode）	277nm
柱温（Column temperature）	35℃

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)

Naturewill biotechnology Co., Ltd. 四川恒诚致远生物科技有限公司 质检专用章 Quality Approval Seal

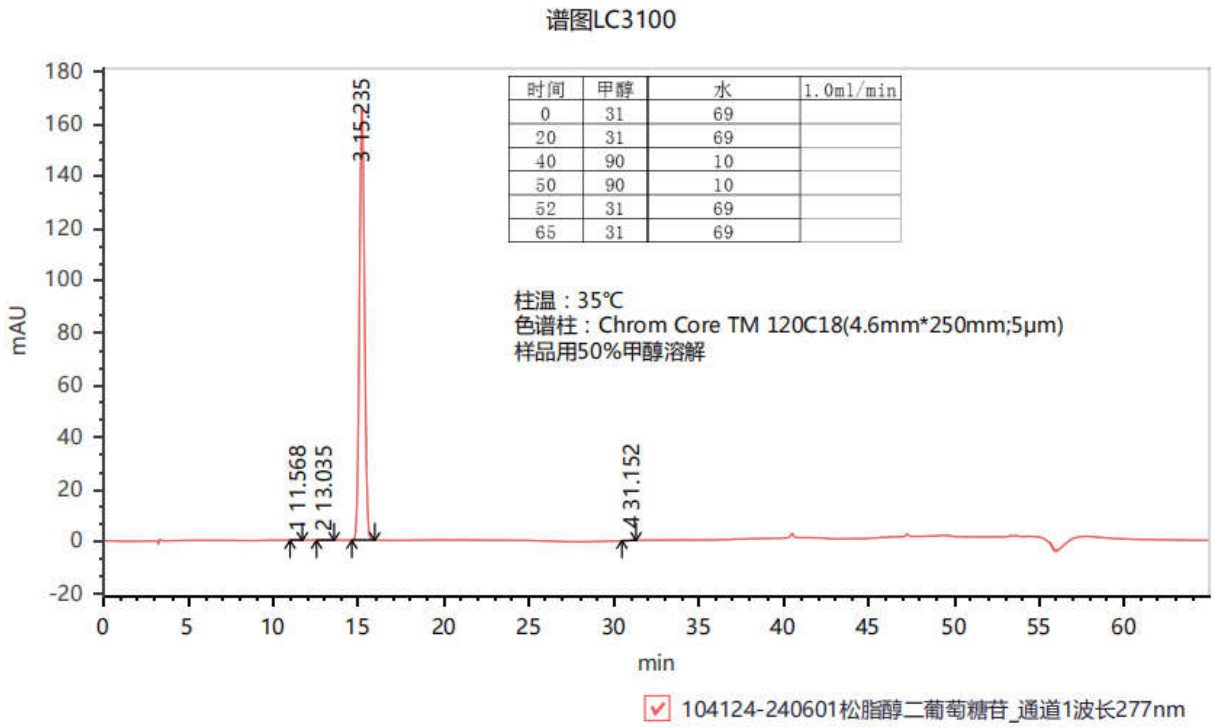
QC: Ben Yang

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）

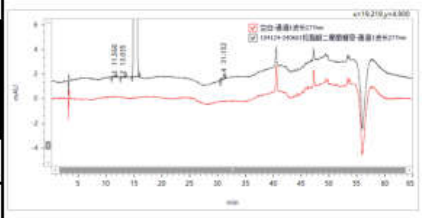
（We appreciate you much when publishing your paper and marking the chemical purchase from Naturewill Biotechnology Co., Ltd.(Chengdu,China) 当发表论文时，请您标注化合物购买于四川恒诚致远生物科技有限公司，非常感谢您的支持。）

HPLC

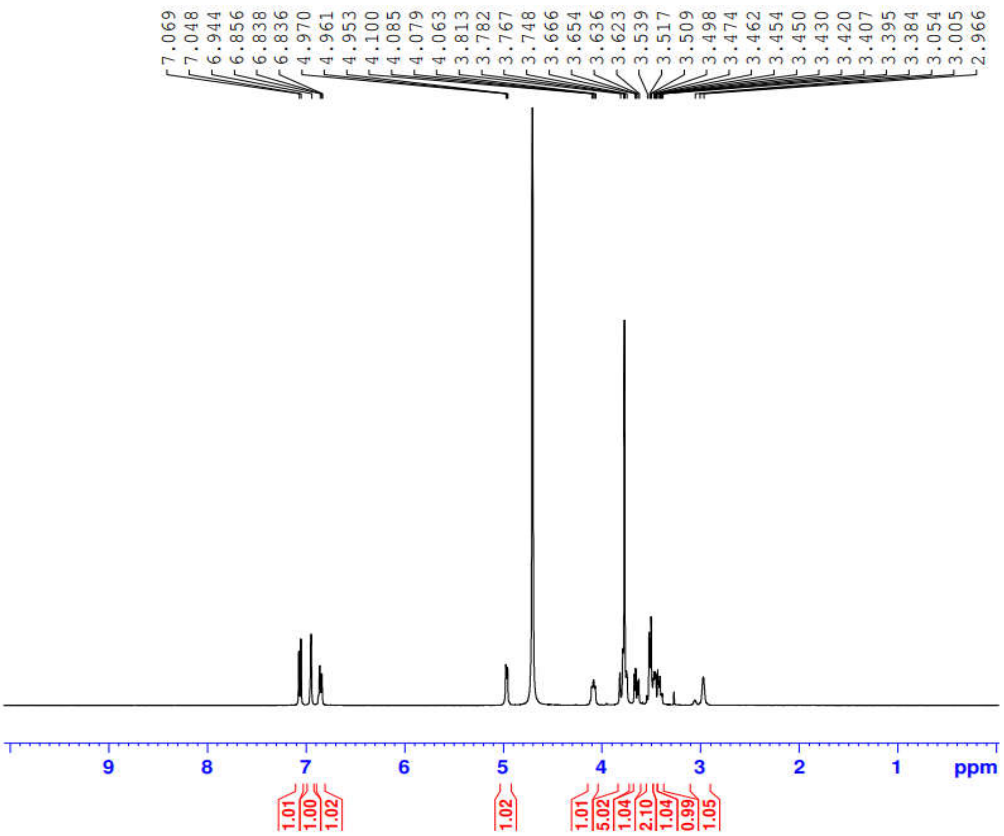


峰结果表

序号	保留时间	峰面积	峰面积%	峰高	理论塔板数
1	11.568	2.028	0.059	0.115	7920
2	13.035	2.283	0.066	0.093	5994
3	15.235	3449.599	99.692	165.032	12069
4	31.152	6.364	0.184	0.447	236699
统计	70.990	3460.274	100.000	165.687	



NMR



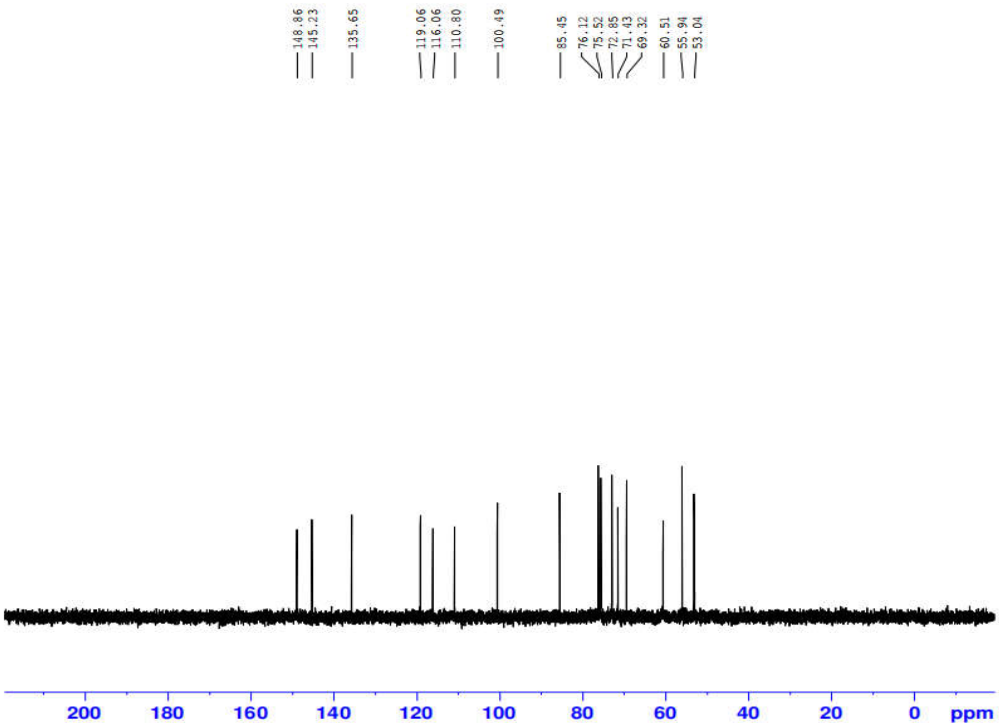
BRUKER

```
Current Data Parameters
NAME      104124-240601
EXPNO               152
PROCNO                1

F2 - Acquisition Parameters
Date_          20240620
Time              18.20
INSTRUM           spect
PROBHD   5 mm PABBO BB-
PULPROG            zg30
TD                65536
SOLVENT             D2O
NS                   16
DS                    2
SWH             8012.820 Hz
FIDRES          0.122266 Hz
AQ              4.0894465 sec
RG                  161
DW                62.400 usec
DE                 6.50 usec
TE                298.1 K
D1             1.00000000 sec
TD0                   1

======== CHANNEL f1 ========
SFO1          400.1924713 MHz
NUC1                1H
P1                 11.90 usec
PLW1          18.54999924 W

F2 - Processing parameters
SI                65536
SF          400.1900000 MHz
WDW                  EM
SSB       0
LB                0.30 Hz
GB        0
PC                1.00
```



BRUKER

```
Current Data Parameters
NAME          104124-240601
EXPNO                   153
PROCNO                    1

F2 - Acquisition Parameters
Date_              20240620
Time                  18.37
INSTRUM               spect
PROBHD   5 mm PABBO BB-
PULPROG              zgpg30
TD                    65536
SOLVENT                D2O
NS                      851
DS                        4
SWH               24038.461 Hz
FIDRES             0.366798 Hz
AQ                1.3631488 sec
RG                      203
DW                   20.800 usec
DE                    6.50 usec
TE                   299.3 K
D1                2.00000000 sec
D11               0.03000000 sec
TD0                       1

======== CHANNEL f1 ========
SFO1            100.6379178 MHz
NUC1                    13C
P1                    15.00 usec
PLW1           57.70000076 W

======== CHANNEL f2 ========
SFO2            400.1916008 MHz
NUC2                    1H
CPDPRG[2             waltz16
PCPD2                 90.00 usec
PLW2           18.54999924 W
PLW12           0.32429999 W
PLW13           0.26269001 W

F2 - Processing parameters
SI                    32768
SF              100.6278555 MHz
WDW                     EM
SSB          0
LB                    1.00 Hz
GB           0
PC                    1.40
```