

## 产品分析证书 Certificate of Analysis

### 产品信息(Product Information)

产品编号 (CAT No.): N1180

中文名称: 连翘苷

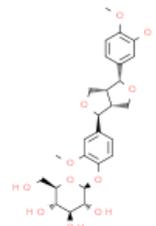
English Name: Phillyrin

CAS No.: 487-41-2

分子式 (M. F.): C<sub>27</sub>H<sub>34</sub>O<sub>11</sub>

分子量 (M. W.): 534.558

批号 (Batch No.): N2308118011



### 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	类白色至灰色(Off-white to gray)	灰色 (Gray)
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)	Hypersil ODS-2 250*4.6mm 5μm
流动相(Mobile phase)	乙腈: 纯水= 5%-40% 25min 乙腈 (Acetonitrile : Water =5%-40% 25min Acetonitrile)
检测波长(Detection mode)	277nm
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)



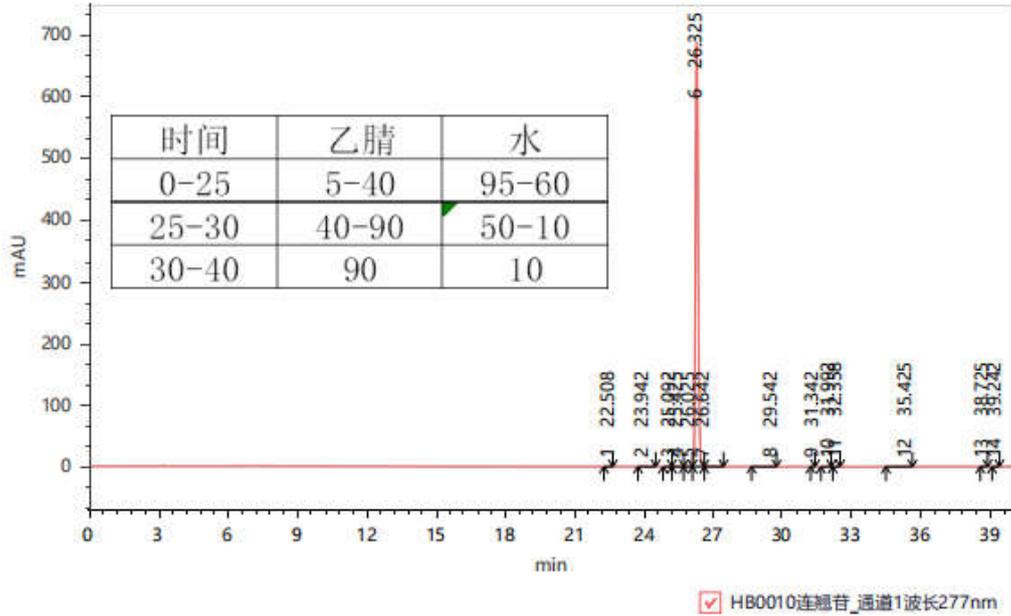
QA: Joy Li

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。)

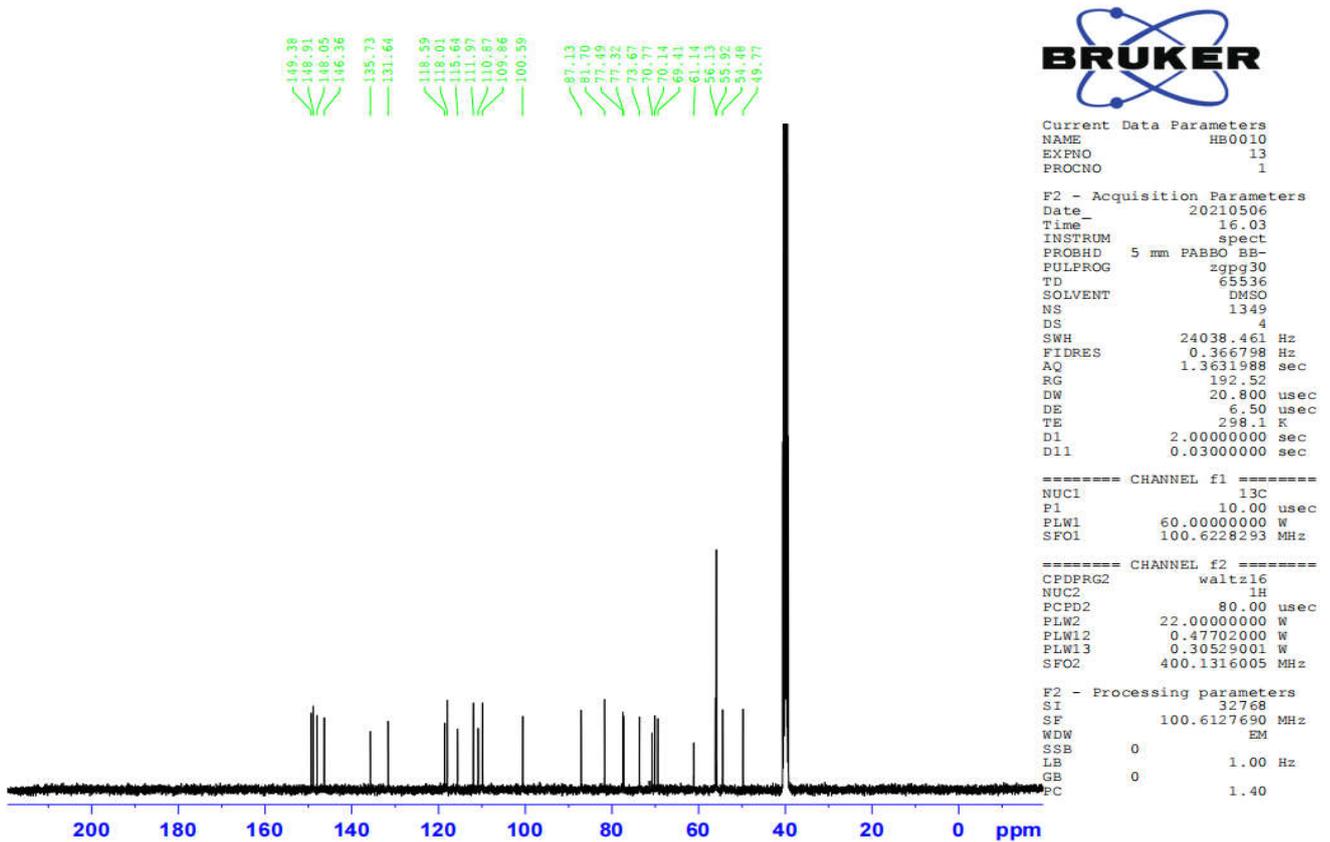
## HPLC

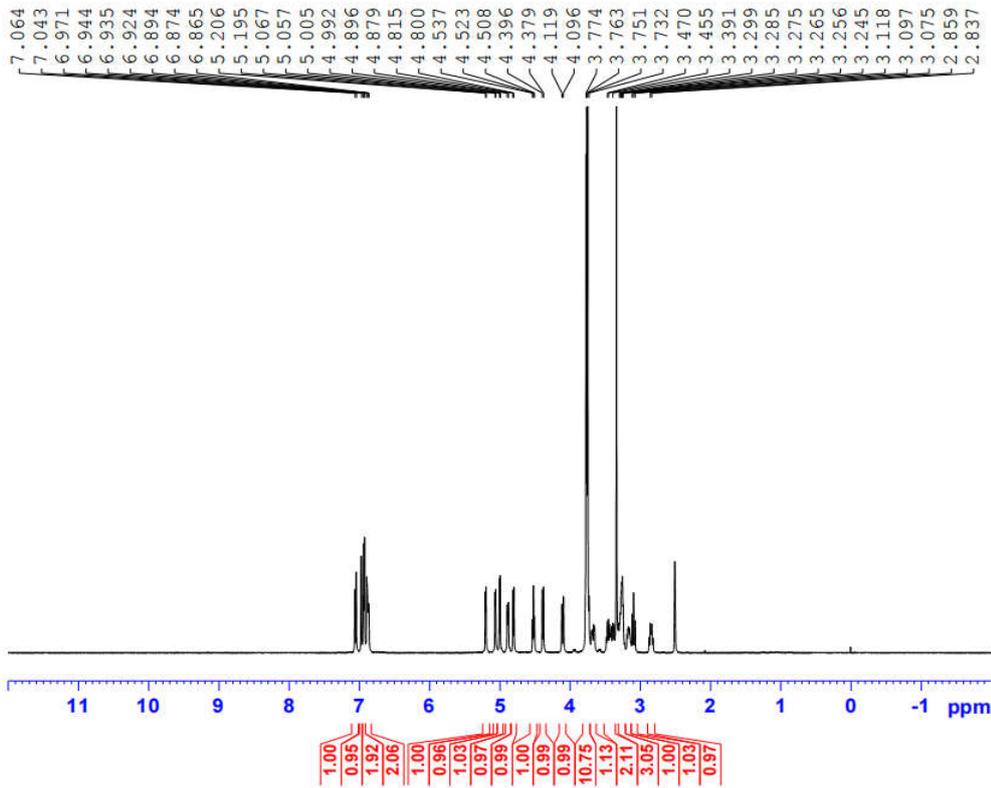
谱图



峰结果表					
序号	保留时间	峰面积	峰面积%	峰高	理论塔板数
1	22.508	0.726	0.013	0.100	310623
2	23.942	8.373	0.151	0.582	168156
3	25.092	1.095	0.020	0.159	329543
4	25.425	0.727	0.013	0.052	71749
5	26.025	15.686	0.284	1.497	149093
6	26.325	5467.821	98.875	682.212	247260
7	26.642	14.399	0.260	0.646	25865
8	29.542	13.084	0.237	0.939	299715
9	31.342	0.713	0.013	0.133	741728
10	31.992	1.149	0.021	0.120	458702
11	32.358	0.927	0.017	0.143	631981
12	35.425	3.361	0.061	0.138	8108
13	38.725	0.779	0.014	0.089	473739
14	39.242	1.191	0.022	0.140	472970
统计	414.583	5530.031	100.000	686.950	

## NMR





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Current Data Parameters
NAME          HB0010
EXPNO         12
PROCNO        1

F2 - Acquisition Parameters
Date_         20210506
Time          15.11
INSTRUM       spect
PROBHD        5 mm PABBO BB-
PULPROG       zg30
TD            65536
SOLVENT       DMSO
NS            16
DS            2
SWH           8223.685 Hz
FIDRES        0.125483 Hz
AQ            3.9846387 sec
RG            153.29
DW            60.800 usec
DE            6.50 usec
TE            298.1 K
D1            1.00000000 sec

===== CHANNEL f1 =====
NUC1          1H
P1            11.78 usec
PLW1          22.00000000 W
SFO1          400.1324710 MHz

F2 - Processing parameters
SI            65536
SF            400.1300000 MHz
WDW           EM
SSB           0
LB            0.30 Hz
GB            0
PC            1.00
  
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