

## 产品分析证书 Certificate of Analysis

### 产品信息(Product Information)

产品编号 (CAT No.): N0048

中文名称: 欧前胡素

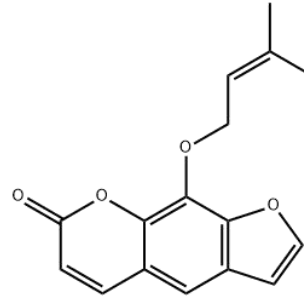
English Name: Emperorin

CAS No.: 482-44-0

分子式 (M. F.): C<sub>16</sub>H<sub>14</sub>O<sub>4</sub>

分子量 (M. W.): 270.284

批号 (Batch No.): 2203004801



### 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	类白色至淡黄色(Off-white to light yellow)	类白色(Off-white)
外观 Appearance	粉末或固体(Powder or Solid)	粉末(Powder)
纯度 Purity	≥98.0% by HPLC	Conforms
质谱 Mass	Comply with the structure	Conforms
核磁 NMR	Comply with the structure	Conforms

贮存条件 ( Storage) :2~8°C, protected from light, keep package airproofed. <-15°C 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°C以下环境中)

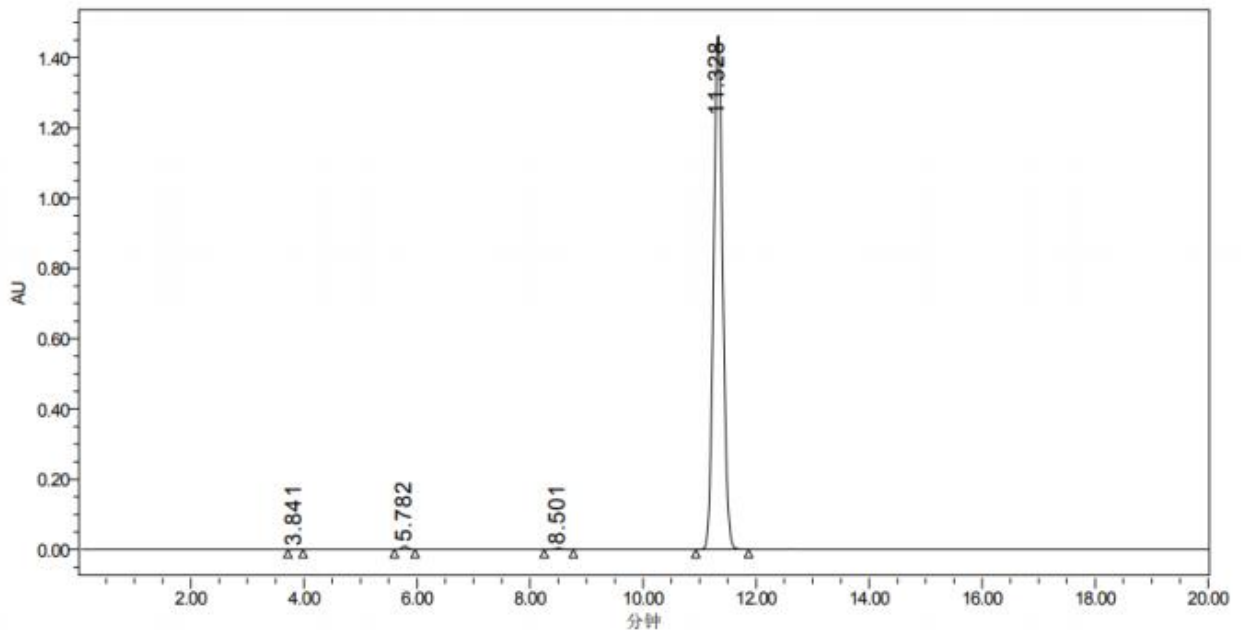
温馨提示 (Reminder) :The sample solutions should be prepared immediately before use.(请现配现用)



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)

## HPLC Chromatogram



色谱峰结果  
名称:

名称	保留时间	面积 (微伏·秒)	% 面积	USP 理论塔板数
1	3.841	2337	0.01	
2	5.782	67919	0.41	
3	8.501	31859	0.19	
4	11.328	16573990	99.39	

### 检测方法 (Test Method)

色谱柱 (Column) : Welchrom C18, 4.6\*250mm, 5.0um

流动相 (Mobile phase): A 乙腈: B 0.1%磷酸溶液 = A:15%-30

% (A Acetonitrile: B 0.1%phosphoric acid solution = A:15%-30  
%)

检测波长 (Detection mode) : 248nm

柱温 (Column temperature) : 30°C