

产品分析证书
Certificate of Analysis

中文名称: N-甲酰金雀花碱

English Name: N-Formylcytisine

别名 (Alias):

产品编码 (Cat. No.): BP4413

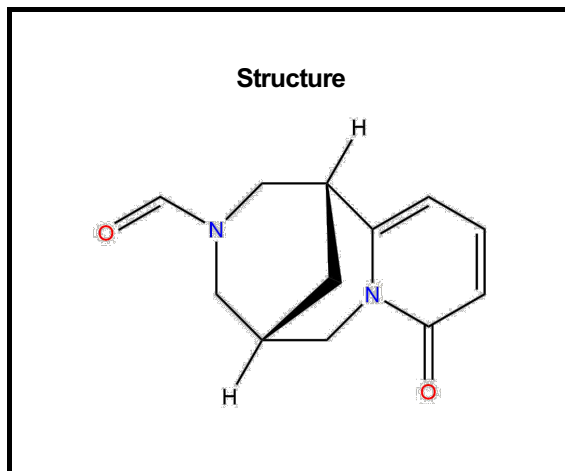
CAS Number: 53007-06-0

分子式 (M. F.): C₁₂H₁₄N₂O₂

分子量 (M. W.): 218.256

批号 (Batch No.): PRF22091422

报告日期 (Report date): 2022-09-14



检验结果 (Analytical result):

检验项目 (Test Item)	检验指标 (Specifications)	检验结果 (Results)
外观 Appearance	Off-white powder	Off-white powder
纯度 Purity (HPLC-DAD, 306nm)*	≥98.0%	99.8%
质谱 Mass	218.2±1	Conforms
核磁 NMR	Comply with the structure	Conforms
水分 Water Content	<3.0%	0.9%

* 色谱图见附件 (Please find HPLC chromatogram attached.)

检测方法 (Test Method): Column: Thermo HyPURITY C18 4.6*150mm, 3.0μm; Column temperature: 30℃; Detection Mode: UV306nm; Flow Rate: 1.0ml/min;

Sample dissolution: Water; Mobile Phase: A. Acetonitrile B. 0.1% phosphoric acid in water; Gradient elution: A, 2%-5%, 20min-80%, 10min.

贮存条件 (Storage): 2-8℃, protected from light, keep package airproofed when not in use.

复测期 (Retest date): Two years (2024-09-13) under conditions list above.

QC: Zhang Ling

Date: 2022-09-14

QA: Meng Pan

Date: 2022-09-14

备注 (Remarks): The sample solutions should be prepared and used on the day of receipt. The best preparing the solutions immediately before use. If the solutions have to be made up in advance, it should be made as aliquots in tightly sealed vials at less than -20℃. Generally, these might be useable for up to two weeks. The quality of the product is only guaranteed to comply with the attached COA.

In case of quality issue, please contact us within 30 days after receipt of the product.

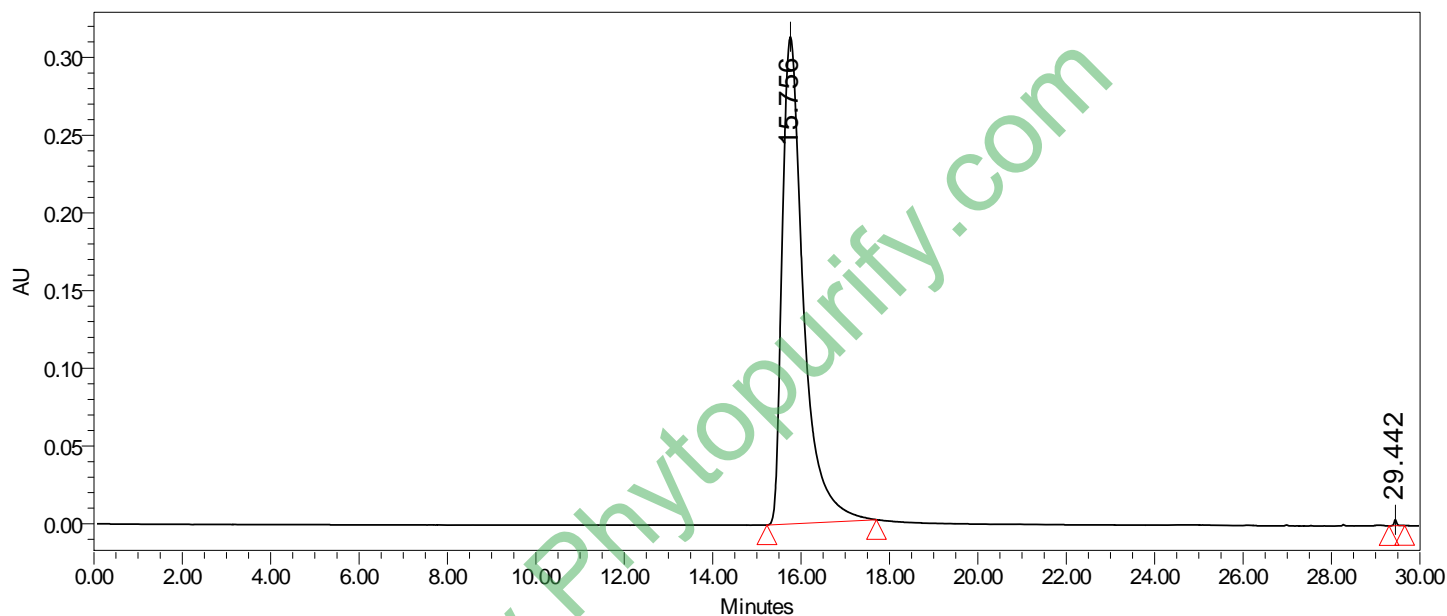
Tel: +86-28-82633397 Fax: +86-28-82633165

http://www.phytopurify.com Email: sales@biopurify.com biopurify@gmail.com

SAMPLE INFORMATION

Sample Name:	N Formylcytisine	Acquired By:	prf01
Sample Type:	Unknown	Sample Set Name	
Vial:	107	Acq. Method Set:	N Formylcytisine
Injection #:	1	Processing Method	samples
Injection Volume:	10.00 ul	Channel Name:	PDA Ch1 306nm@4.8nm
Run Time:	30.0 Minutes	Proc. Chnl. Descr.:	PDA Ch1 306nm@4.8nm
Date Acquired:	9/14/2022 3:54:34 PM CST		
Date Processed:	9/15/2022 8:48:37 AM CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	Height (μV)	USP Plate Count	USP Resolution
1		15.756	10441866	99.85	313333	5908.12	
2		29.442	16120	0.15	3920	1334034.52	28.84