

产品分析证书 Certificate of Analysis

中文名称: 芥子碱硫氰酸盐

English Name: Sinapine thiocyanate

别名 (Alias):

产品编码 (Cat. No.): BP1309

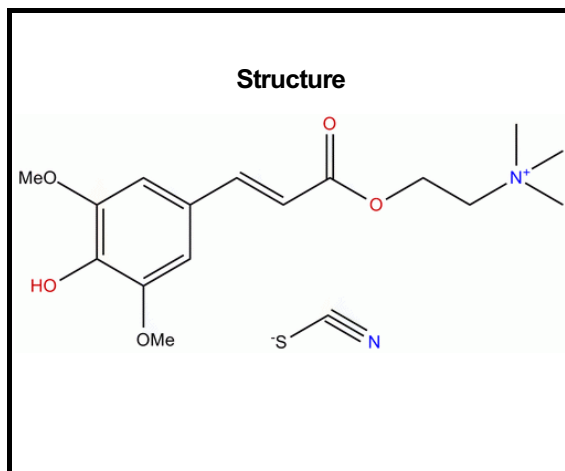
CAS Number: 7431-77-8

分子式 (M. F.): C₁₆H₂₄NO₅⁺

分子量 (M. W.): 310.369

批号 (Batch No.): PRF8022801

报告日期 (Report date): 2017年2月28日



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, 330nm)*	≥98.0%	99.94%
质谱 Mass	310.369±1	Conforms
核磁 NMR	Comply with the structure	Conforms
水分 Water Content	<3.0%	1.23%

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

检测方法 (Test Method): Column: Agilent 5 HC-C18, 4.6*250mm, 5.0um; Column temperature: 30°C; Detection Mode: UV330nm

Flow Rate: 1.0ml/min; Sample dissolution: Water; Mobile Phase: A, 0.05mol/LKH₂PO₄; B, Acetonitrile; Gradient elution: B, 10%-25%, 20min.

贮存条件 (Storage): 2~8°C, protected from light, keep package airtight when not in use.

复测期 (Retest date): two years (2019-02-27) under conditions list above.

QC: Zhang Ling

Date: 2017年2月28日

QA: Wu Qi

Date: 2017年2月28日

备注 (Remarks): The sample solutions should be prepared and used on the same day. It is 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°C. Generally, these might be useable for up to two weeks.

In case of quality issue, please contact us within 15 days after receipt of the product.



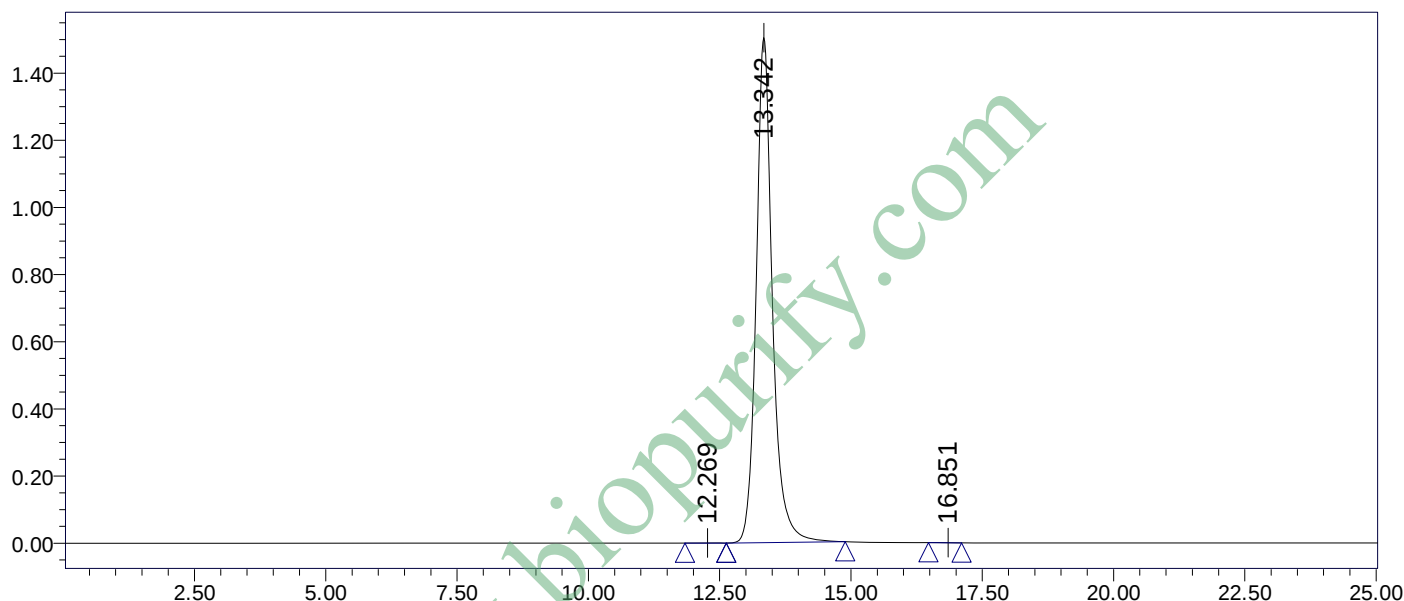
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Sinapine thiocyanate PRF8022801	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	60	Acq. Method Set:	Sinapine thiocyanate
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	330.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 330.0 nm
Date Acquired:	2017-2-28 16:22:39 CST		
Date Processed:	2017-2-28 16:53:50 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	12.269	13028	0.04	3964.84	
2	13.342	32221423	99.94	10269.17	2.01
3	16.851	6932	0.02	18535.49	5.60