

产品分析证书
Certificate of Analysis

中文名称：萝卜硫苷

English Name : Glucoraphanin

别名(Alias): 4-(Methylsulfinyl)butyl glucosinolate

产品编码(Cat. No.):BP0676

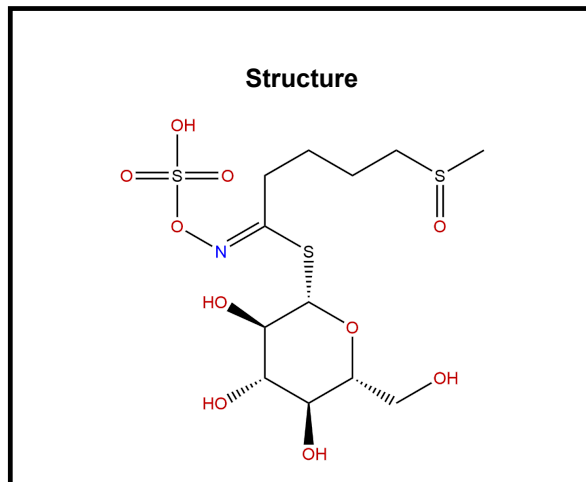
CAS Number: 21414-41-5

分子式(M. F.): C₁₂H₂₃NO₁₀S₃

分子量(M. W.): 437.493

批号(Batch No.): PRF8101724

报告日期(Report date): 2017-10-17



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
干燥失重Loss on drying	< 3.0%	1.6%
纯度Purity (HPLC-DAD,225nm)*	≥98.0%	98.61%
质谱Mass	437.4±1	Conforms
核磁NMR	Comply with the structure	Conforms

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

检测方法 (Test Method) : Column: Welch Ultimate XB-C18 , 4.6*250mm , 5.0um; Column temperature: 30°C; Detection Mode: UV225nm; Flow Rate: 1.0ml/min; Sample dissolution: Water; Mobile Phase: A, 0.1% Phosphoric acid in water B, Methanol; Isocratic elution: B, 1%.

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

复测期 (Retest date) : two years (2019-10-16) under conditions list above.

QC: Zhang Ling

Date: 2017-10-17

QA: Wu Qi

Date: 2017-10-17

备注(Remarks): The sample solutions should be prepared 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.

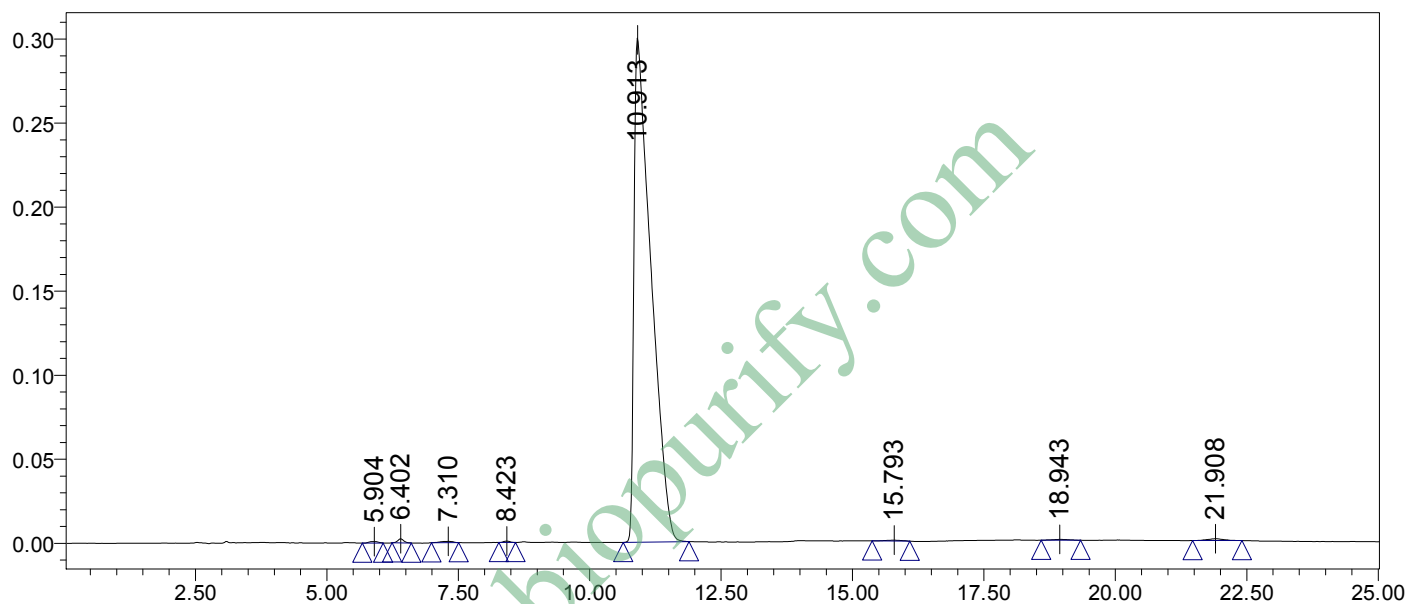
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name: Glucoraphanin	Acquired By: System
Sample Type: Unknown	Sample Set Name:
Vial: 8	Acq. Method Set: Glucoraphanin
Injection #: 2	Processing Method: Samples
Injection Volume: 15.00 ul	Channel Name: 225.0nm
Run Time: 25.0 Minutes	Proc. Chnl. Descr.: PDA 225.0 nm
Date Acquired: 2017-10-17 16:34:08 CST	
Date Processed: 2017-10-17 17:01:34 CST	

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	5.904	10155	0.15	6797.09	
2	6.402	19167	0.28	14465.77	1.99
3	7.310	14135	0.21	3915.40	2.77
4	8.423	6687	0.10	22108.36	3.35
5	10.913	6735101	98.61	4262.26	5.52
6	15.793	11493	0.17	11432.79	7.39
7	18.943	9599	0.14	18178.67	5.26
8	21.908	23788	0.35	23842.47	5.29