

产品分析证书
Certificate of Analysis

中文名称：蟾毒灵

English Name : Bufalin

别名(Alias):

产品编码(Cat. No.):BP0288

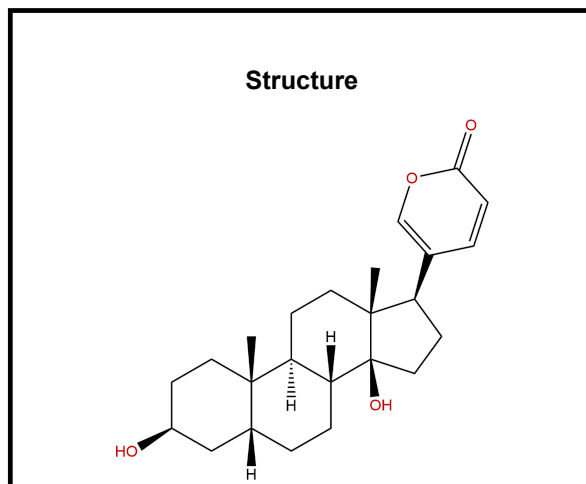
CAS Number: 465-21-4

分子式(M. F.): C₂₄H₃₄O₄

分子量(M. W.): 386.532

批号(Batch No.): PRF8090101

报告日期(Report date): 2017-09-01



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	< 0.5%	0.42%
纯度Purity (HPLC-DAD,300nm)*	≥98.0%	99.90%
质谱Mass	386.5±1	Conforms
核磁NMR	Comply with the structure	Conforms
水分Water Content	< 0.3%	0.28%
炽灼残渣Residue on ignition	< 0.1%	0.08%

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

检测方法 (Test Method) : Column: Agilent 5TC-C18(2) , 4.6*250mm , 5.0um; Column temperature:25℃; Detection Mode: UV300nm;
Flow Rate: 1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, 0.1%Trifluoroacetic acid in water B, Acetonitrile;Gradient elution: B,
30%-50%,0min-15min;50%-90%,15min-35min;90%-90%,35min-37min;90%-30%,37min-37.1min;30%-30%,37.1min-45min.

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

复测期 (Retest date) :two years (2019-08-31) under conditions list above.

QC: Zhang Ling

Date: 2017-09-01

QA: Wu Qi

Date: 2017-09-01

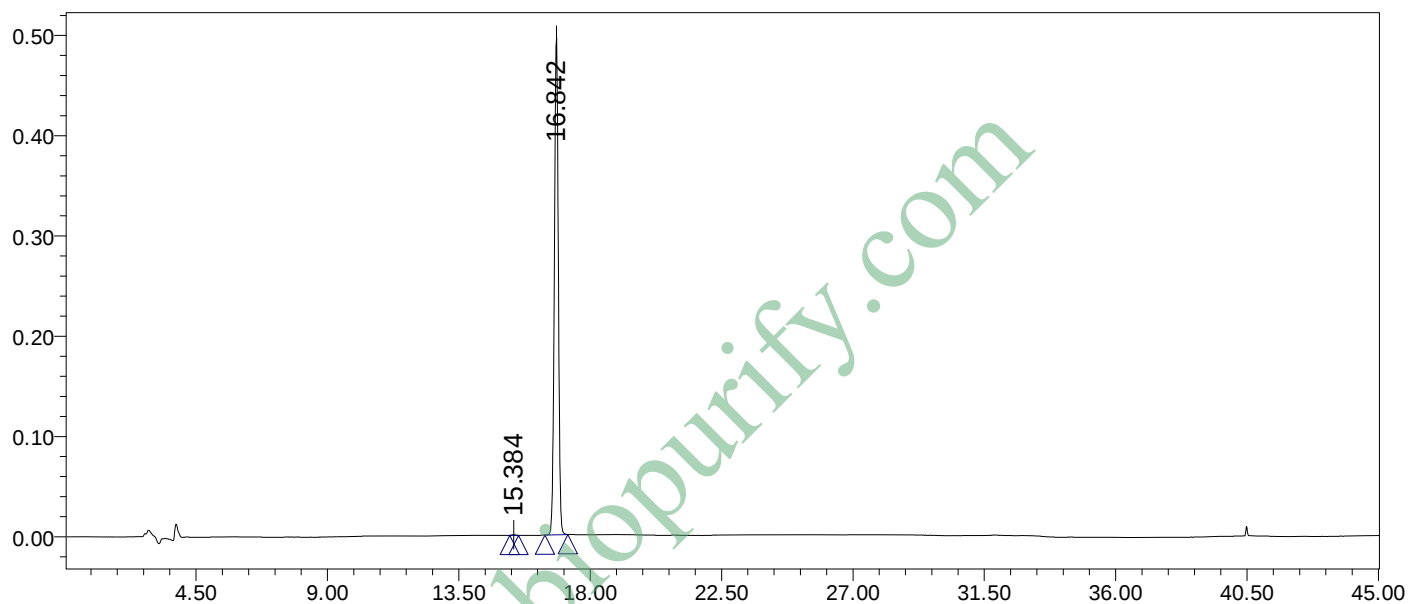
备注(Remarks): The sample solutions should be prepared and used on the same day, it is the best preparing the solutions immediately before use. If the solutions have to be made up in advance, it should be made as aliquots in tightly sealed vials at less than -20℃. Generally, these might be useable for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

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

SAMPLE INFORMATION

Sample Name:	Bufalin	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	119	Acq. Method Set:	Bufalin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	300.0nm
Run Time:	45.0 Minutes	Proc. Chnl. Descr.:	PDA 300.0 nm
Date Acquired:	2017-9-1 13:53:31 CST		
Date Processed:	2017-9-1 15:14:21 CST		

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	15.384	4892	0.10	72562.69	
2	16.842	4677670	99.90	73167.72	6.02

SAMPLE INFORMATION

Sample Name:	Bufalin Blank	Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	11	Acq. Method Set:	Bufalin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	300.0nm
Run Time:	45.0 Minutes	Proc. Chnl. Descr.:	PDA 300.0 nm
Date Acquired: 2017-9-1 14:39:50 CST			
Date Processed: 2017-9-1 15:25:28 CST			

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1					