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Certificate of Analysis

Product Name: Trigonelline

Other Name:

Catalogue No.: BP1407

Batch No.: 15121621

Report date: 2015-12-16

CAS Number: 535-83-1

Mol. Formula: C₇H₇NO₂

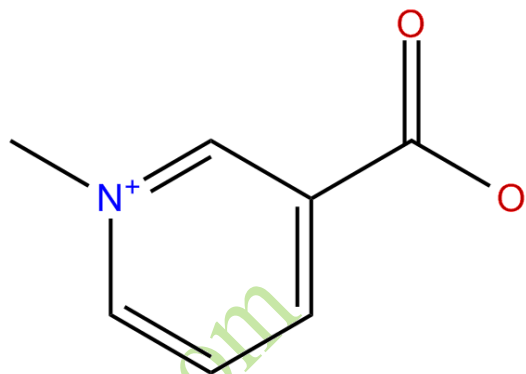
Mol. Weight: 137.14

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC- DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	White powder	White powder
Loss on drying	<3.0%	1.1 %
Purity (HPLC,265nm)*	≥98.0%	99.95%

* Please find HPLC chromatography attached.

Package: Brown vial or HDPE Plastic Bottle

Storage: Cool and Dry place, protected from light, keep package airtight when not in use.

Expiration: two years (2017-12-16) under conditions list above.

QC: *Meng Pan*

Date: 2015-12-16

QA:

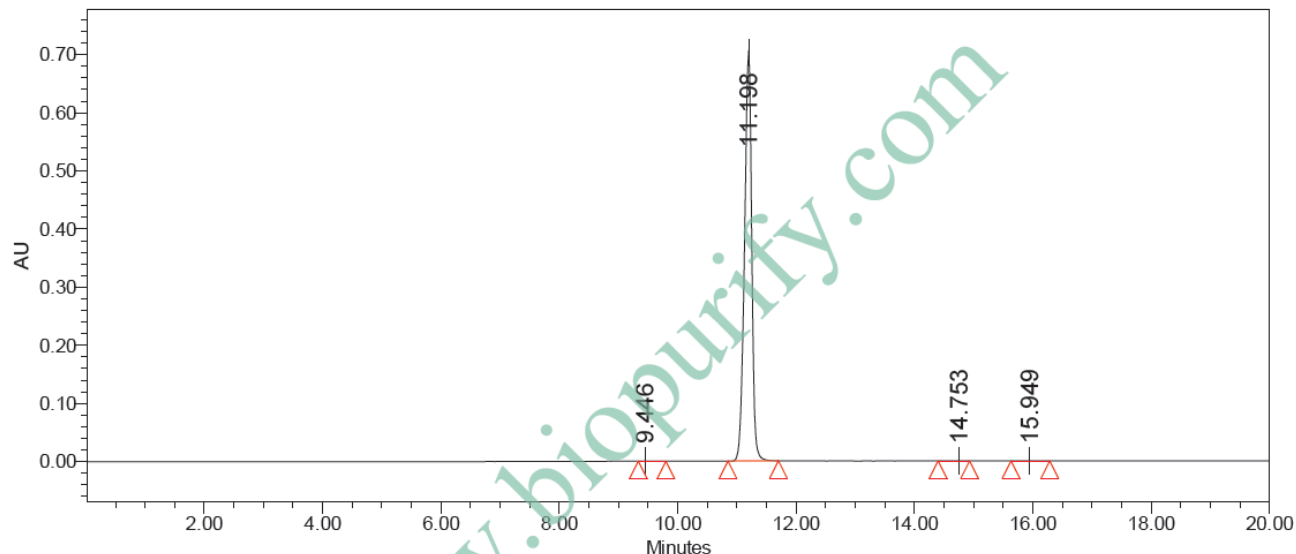
Date: 2015-12-16

Lianglei Zhang

SAMPLE INFORMATION

Sample Name:	Trigonelline PRF15121621	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	2	Acq. Method Set:	Trigonelline
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	265.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 265.0 nm
Date Acquired:	2015-12-16 14:20:21 CST		
Date Processed:	2015-12-16 14:50:23 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		9.446	686	0.01	13680.05	
2		11.198	5985385	99.95	39772.75	6.55
3		14.753	1173	0.02	152.87	9.18
4		15.949	1082	0.02	30510.18	2.53