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Certificate of Analysis

Product Name: Norisoboldine

Other Name: Laurelliptine

Catalogue No.: BP1007

Batch No.: PRF16011901

Report date: 2016-01-20

CAS Number: 23599-69-1

Mol. Formula: C₁₈H₁₉NO₄

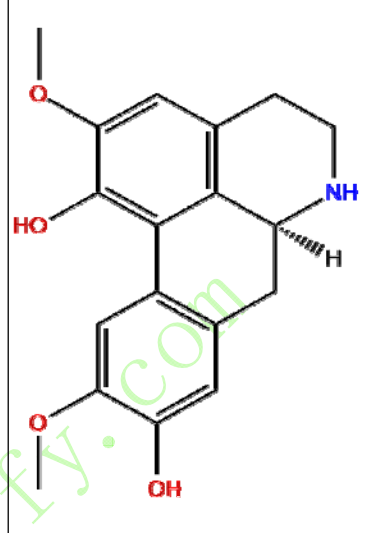
Mol. Weight: 313.35

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Pale-brown powder	Pale-brown powder
Loss on drying	<3.0%	1.6%
Purity (HPLC,282nm) *	≥98.0%	99.4%

* 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 (2018-01-19) under conditions list above.

QC: Zhang Ling

Date: 2016-01-20

QA: Wu Qi

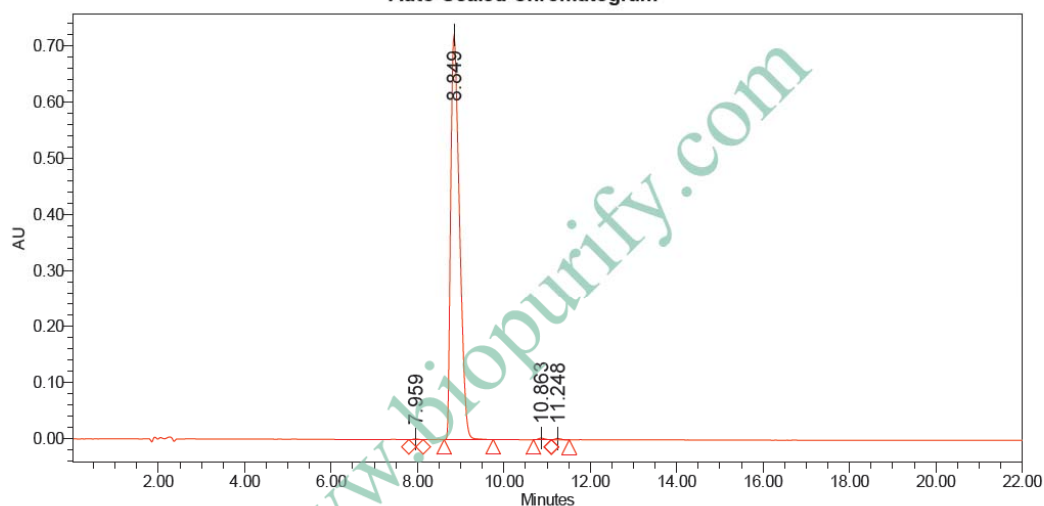
Date: 2016-01-20



SAMPLE INFORMATION

Sample Name:	Norisoboldine PRF16011901	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	1	Acq. Method Set:	Norisoboldine
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	282.0nm
Run Time:	22.0 Minutes	Proc. Chnl. Descr.:	PDA 282.0 nm
Date Acquired:	2016-1-20 12:24:54 CST		
Date Processed:	2016-1-20 12:51:04 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		7.959	7251	0.07	19412.43	
2		8.849	10173552	99.43	7969.87	2.83
3		10.863	28143	0.28	29027.93	6.13
4		11.248	22896	0.22	32817.95	1.50

Reported by User: System
Report Method: Chengdu
Report Method ID: 9400
Page: 1 of 1

Project Name: 2016
Date Printed:
2016-1-20
13:16:15 PRC