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Certificate of Analysis

Product Name: D-Dicentrine

Other Name:

Catalogue No.: BP0456

Batch No.: 15071407

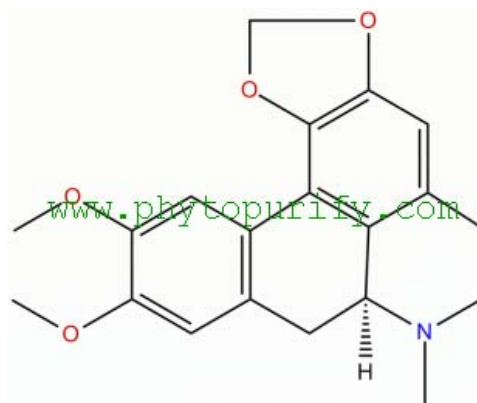
Report Date: 2015-07-14

CAS Number: 517-66-8

Mol. Formula: C₂₀H₂₁NO₄

Mol. Weight: 339.391

Structure:



Botanical Source: Alkaloid from a variety of genera in the Lauraceae (Cassytha, Laurus, Lindera, Ocotea, Litsea),

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Analytical result:

Test	Specification	Results
Appearance	White crystal	White crystal
Loss on drying	<3.0%	1.5 %
Purity (HPLC-224nm)*	≥98.0%	99.9%

* Please find HPLC chromatography attached.

Package: Brown vial or HDPE Plastic Bottle

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

Expiration: two years (2017-07-13) under conditions list above.

QC: *Meng Pan*

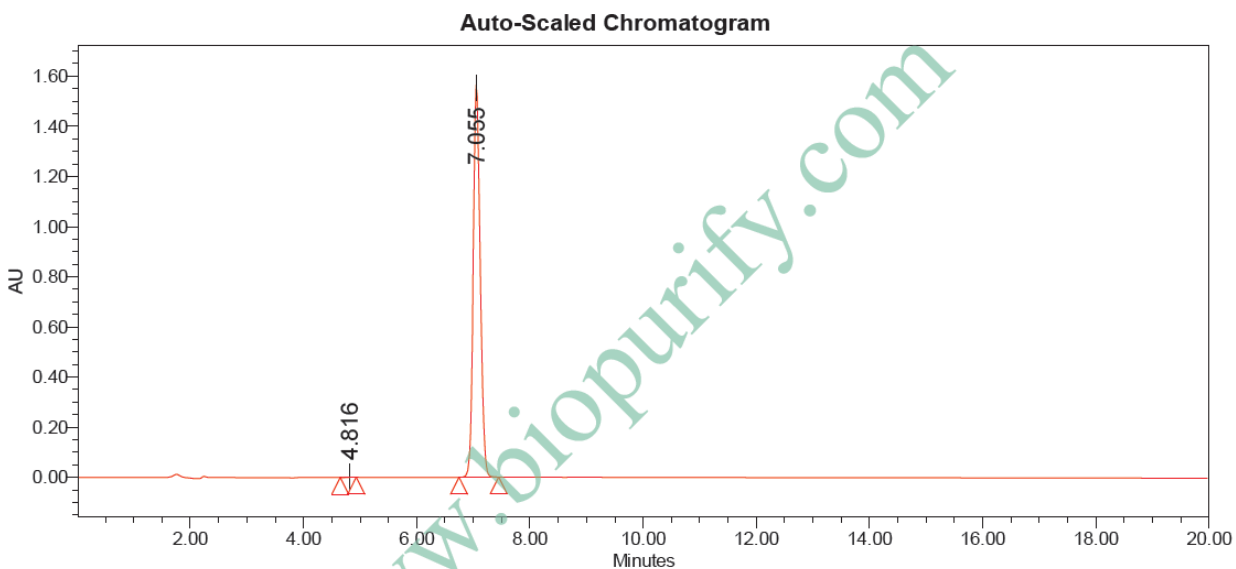
Date: 2015-07-14

QA: *Lianglei Zhang*

Date: 2015-07-14

SAMPLE INFORMATION

Sample Name:	D-Dicentrine15071407	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	13	Acq. Method Set:	D Dicentrine
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	224.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 224.0 nm
Date Acquired: 2015-7-14 15:25:04 CST			
Date Processed: 2015-7-14 15:47:33 CST			



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		4.816	7206	0.05	9556.65	
2		7.055	13351759	99.95	15338.09	10.37