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Certificate of Analysis

Product Name: Lotusine

Other Name:

Catalogue No.: BP2002

Batch No.: 14091512

Report date: 2014-09-15

CAS Number: 6871-67-6

Mol. Formula: C₁₉H₂₄NO₃

Mol. Weight: 314.17

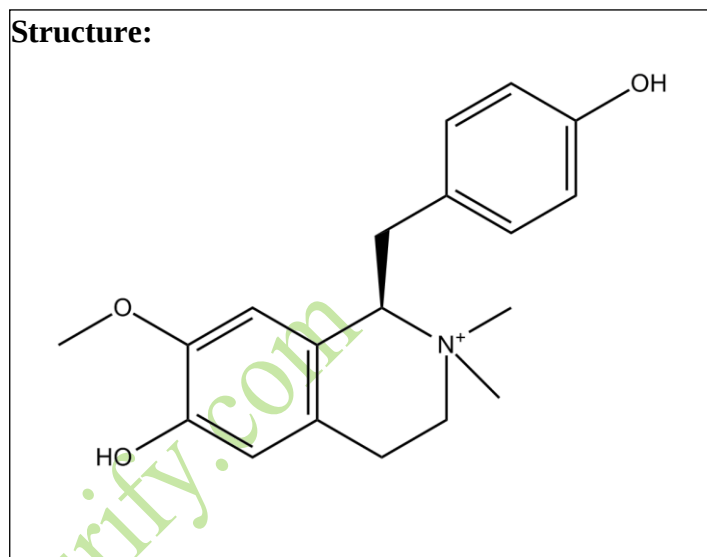
Botanical Source:

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	White powder	Off-white powder
Loss on drying	<3.0%	1.1%
Purity (HPLC, 282nm)*	≥98.0%	99.30%

* 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 (2016-09-15) under conditions list above.

QC: *Meng Pan*

Date: 2014-09-15

QA: *Lianglei Zhang*

Date: 2014-09-15



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Acq. Operator : yzq
Acq. Instrument : Instrument 1 Location : Vial 22
Injection Date : 9/15/2014 2:18:22 PM
Inj Volume : 10 µl
Acq. Method : D:\YJH\METHOD\LOTUSINE.M
Last changed : 9/15/2014 2:00:34 PM by yzq
(modified after loading)
Analysis Method : D:\YJH\METHOD\DIIDYMIN.M
Last changed : 9/15/2014 4:08:54 PM by lqy
(modified after loading)



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Area Percent Report
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Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 B, Sig=282,16 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	8.586	VV	0.1424	6.16316	6.39669e-1	0.0648
2	9.600	VV	0.1414	9443.85547	989.31348	99.3096
3	10.986	VV	0.1903	4.71056	3.38680e-1	0.0495
4	12.128	VV	0.1255	19.87221	2.32950	0.2090
5	12.806	VV	0.1674	5.41444	4.73691e-1	0.0569
6	13.330	VV	0.1607	5.67563	4.70629e-1	0.0597
7	19.685	VV	0.1726	5.69876	4.72920e-1	0.0599
8	19.984	VB	0.1748	7.36489	6.28166e-1	0.0774
9	22.635	VV	0.2860	10.75433	5.05853e-1	0.1131

Totals : 9509.50946 995.17258