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Certificate of Analysis

Product Name: Topotecan Hydrochloride

Other Name:

Catalogue No.: BP1399

Batch No.: 14010705

Report Date: 2014-01-07

CAS Number: 119413-54-6

Mol. Formula: C₂₃H₂₄ClN₃O₅

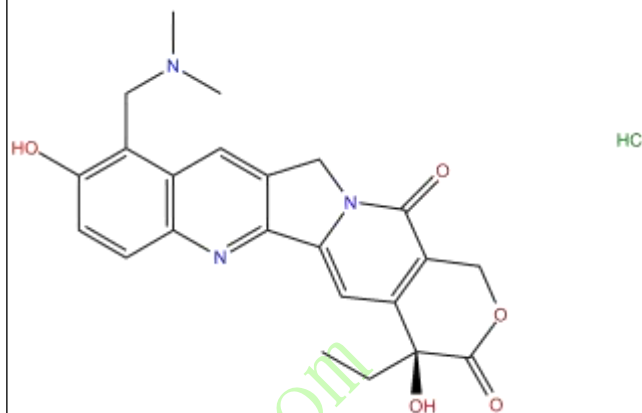
Mol. Weight: 457.911

Botanical Source: Camptothecine

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Yellow Solid	Yellow Solid
Loss on drying	<2%	1.2%
Purity (HPLC-DAD,@227nm)*	≥98.0%	99.26%

* 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.

QC: *Meng Pan*

Date: 2014-01-07

QA: *Lianglei Zhang*

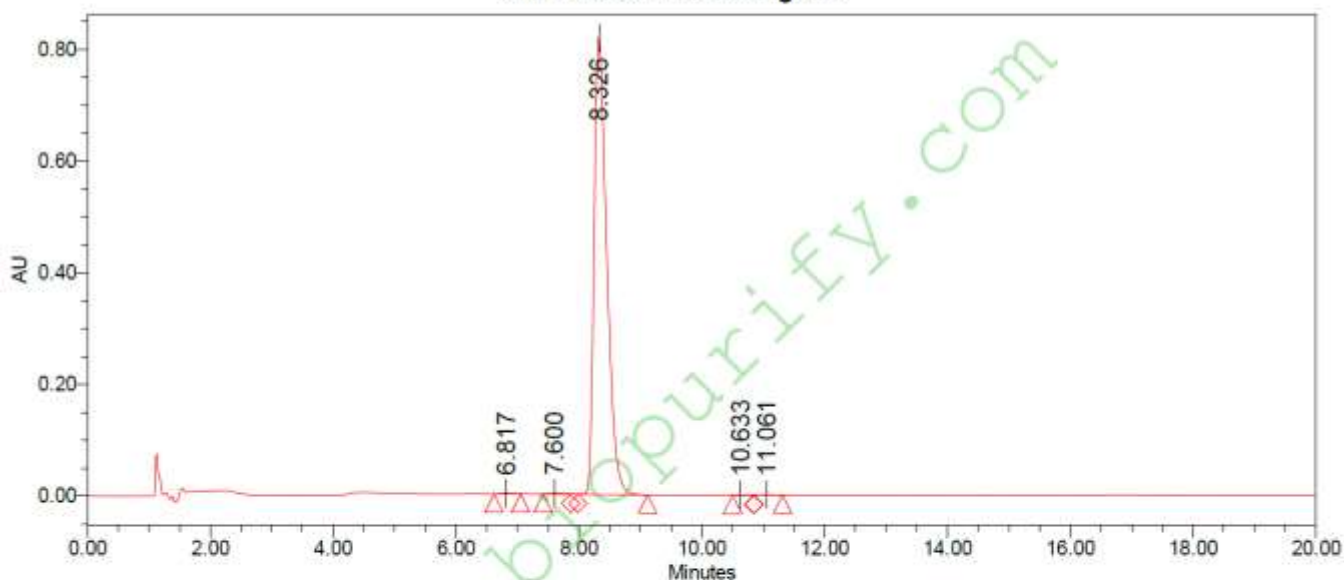
Date: 2014-01-07



SAMPLE INFORMATION

Sample Name:	Topotecan Hydrochloride	Acquired By:	panmeng
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:F,5	Acq. Method Set:	Topotecan Hydrochloride
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	227.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 227.0 nm
Date Acquired:	2014-1-7 11:31:29 CST		
Date Processed:	2014-1-7 12:11:00 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		6.817	20808	0.18	8239.40	
2		7.600	39537	0.33	3184.63	1.57
3		8.326	11762365	99.26	7359.34	1.31
4		10.633	10870	0.09	23555.57	6.04
5		11.061	16142	0.14	8564.01	1.18