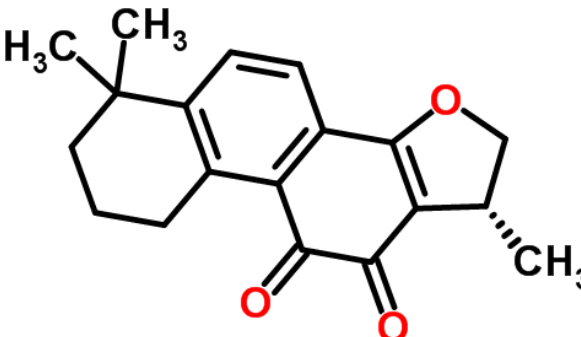


Certificate of Analysis

Product Name	Cryptotanshinone/ 隱丹參酮	
Catalog Number	11008	
Lot Number	110082	

Chemical Name	Cryptotanshinone
Chemical Formula	C ₁₉ H ₂₀ O ₃
Chemical Family	Terpenoids
Molecular Weight	296.36
CAS Number	35825-57-1
Appearance (Color)	Brink-red
Appearance (Form)	Crystal

Analytical Test

Test	Result
Identity by LC/MS Analysis	Consistent with structure
Purity by HPLC/DAD Analysis	≥ 98.0%

Storage Conditions:

Storage:	Refer to label
Before use:	Keep container tightly closed

TLCM certifies that this standard meets the specifications stated in this certificate and warrants this product to meet the stated criteria. Warranty does not apply after opening.

Date of Certificate: 04/03/2013

Product Analysis Report

Analytical Test

Test	Results
Identity by LC/MS Analysis	Consistent with structure
Purity by HPLC/DAD Analysis	≥ 98.0%

Spectral and Physical Data

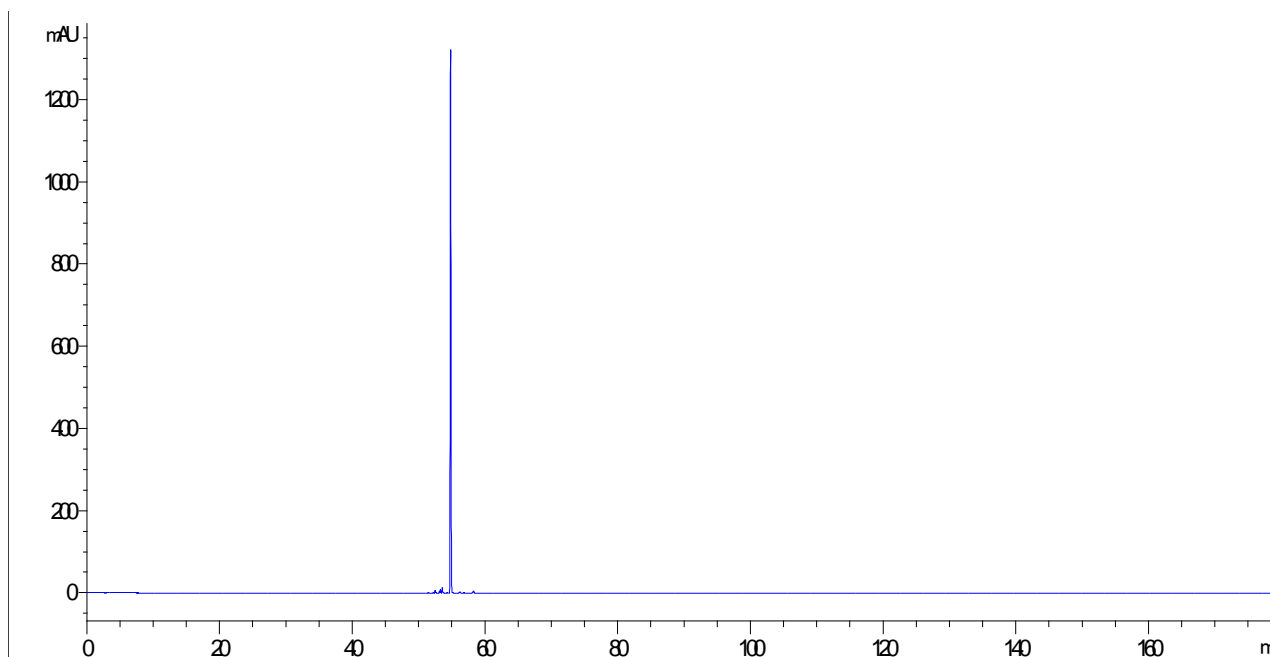
HPLC

HPLC system : Agilent Technologies 1260 Series
Column : Agilent Eclipse XDB-C18, 4.6 x 250 mm, 5 μm or equivalent
Injection volume : 10 μl
Detector : DAD
Detector wavelength : 280 nm
Flow rate : 1.0 mL/min
Mobile phase :

Time (min)	% H ₂ O	% ACN	Flow rate (mL/min)
0 → 40	100 → 70	0 → 30	1.0
40 → 50	70 → 20	30 → 80	1.0
50 → 70	20 → 15	80 → 85	1.0
70 → 180	15	85	1.0

Date File Name : A5-D:\KELLYLAM\DATA\MARKER\DST 2012-12-19
10-33-01\DST SH.D
Operator : DUAN Ran
Sample Lot Number : 110082
Method File : A5-D:\KELLYLAM\METHOD\DST.M
Acquired : 19/12/2012

I. HPLC chromatogram



Product	RT (min)	Area (mAu*s)	Relative Area %
Cryptotanshinone	54.828	10005	98.115