



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

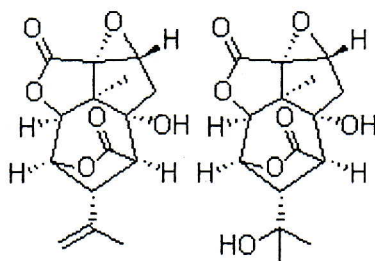
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat No.: P-001

<u>Product:</u>	PICROTOXIN (Cocculin)
<u>Cas Number:</u>	[124-87-8]
<u>Lot Number:</u>	1108151
<u>Chemical Formula:</u>	$C_{30}H_{34}O_{13}$
<u>Molecular Weight:</u>	602.59
<u>Melting Point:</u>	203-205°C
<u>Source:</u>	Natural from Anamirta cocculus seeds
<u>Appearance:</u>	White powder
<u>TLC:</u>	Chloroform:Methanol (9:1) two spots
<u>Solubility:</u>	Soluble in DMSO
<u>Assay(HPLC):</u>	22.07% 76.97%





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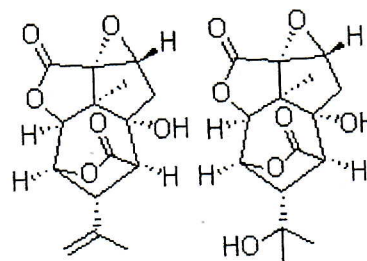
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Date Acquired : 5/17/2011 12:28:56 PM
Acquired by : Madhuri
Sample Name : Picrotoxin
Sample ID :
Injection Volume : 20 uL
Data Filename : 170511B.lcd
Method Filename : Linear Isocratic.M.lcm

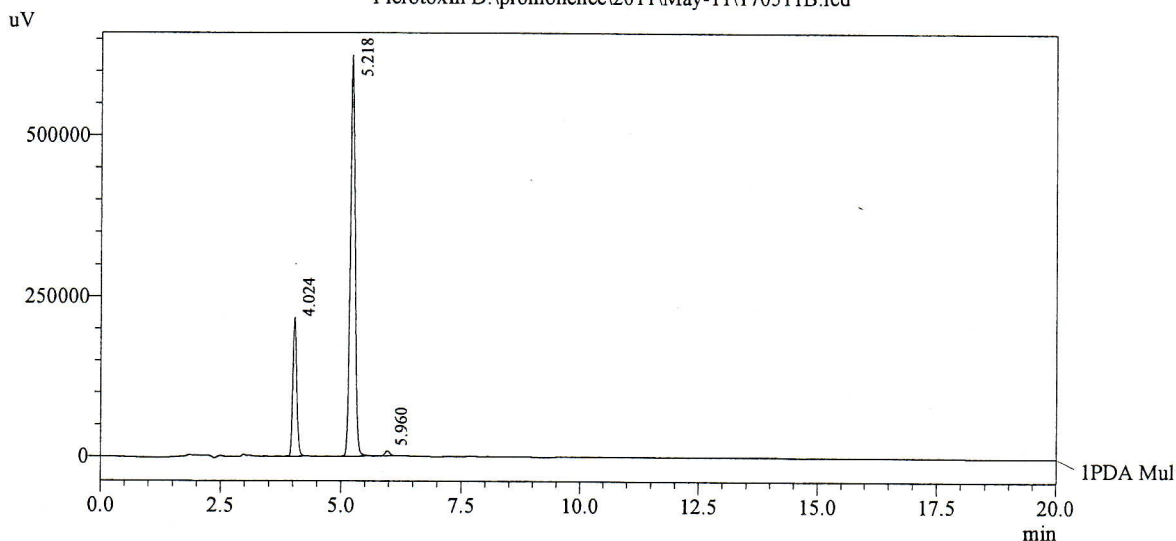
Cat. No.: P-001
Product name: Picrotoxin
Lot No.: 1108151

Description:
Column : Phenomenex C-18, 250X4.6mm 5.0µm
Flow : 1.000ML/min.
Mobile Phase : A(50% of water) B(50% of Acetonitrile)



Chromatogram

Picrotoxin D:\promonence\2011\May-11\170511B.lcd



1 PDA Multi 1 / 200nm 4nm

PeakTable

PDA Ch1 200nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	4.024	1260373	215929	22.070
2	5.218	4395895	623997	76.976
3	5.960	54460	7856	0.954
Total		5710728	847782	100.000