



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.: 020535

Product: COUMESTROL

Cas Number: [479-13-0]

Lot Number: 1103121

Chemical Formula: C₁₅H₈O₅

Molecular Weight: 268.22

Melting Point: >270°C

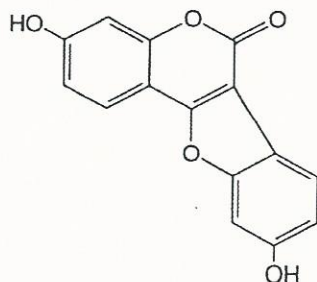
Appearance: Light brown powder

Solubility: Soluble in DMSO

TLC: Chloroform:Methanol (8:2)

Storage: Cool dry place

Purity (HPLC): 99.24%





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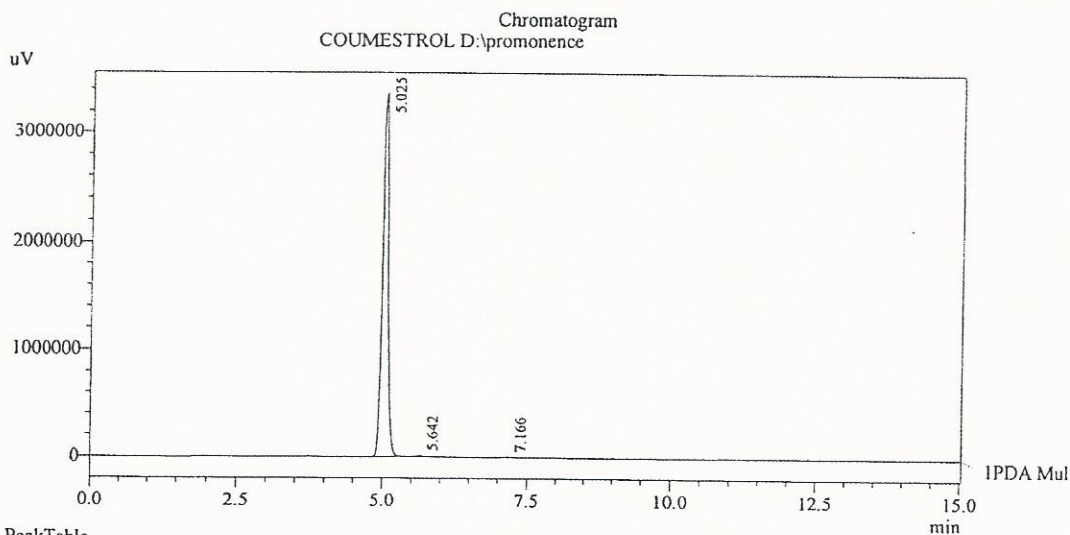
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Madhuri
Sample Name : COUMESTROL
Sample ID : Lot No. : 1103121
Injection Volume : 20 uL
Data Filename : 190411D.lcd
Method Filename : Linear Isocratic.M.lcm

Cat. No.: 020535
Product name: Coumestrol
Lot No.: 1103121

Description:
Column : Phenomenex C-18, 250X4.6mm 5.0µm
Flow : 1.000ML/min.
Mobile Phase : A(50% of 0.05% of TFA) B(80% of Acetonitrile)



PeakTable

PDA Ch1 254nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	5.025	23217112	3362009	99.243
2	5.642	104656	14573	0.447
3	7.166	72348	7469	0.309
Total		23394116	3384051	100.000