



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

Catalog number: D-601

Product name: **2',5'-DIHYDROXYCHALCONE**

CAS Number: [19312-13-1]

Lot Number: 98018

Chemical Formula: C₁₅H₁₂O₃

Molecular Weight: 240.26

Melting Point: 177-179°C

Appearance: Pale brown powder

Solubility: Soluble in DMSO

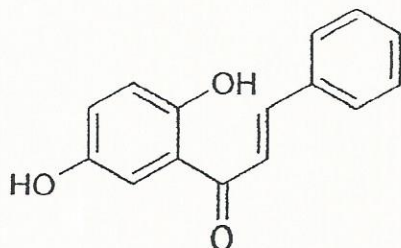
TLC: Hexane : Ethyl acetate (7:3)

Moisture: 0.3%

NMR Spectrum: Enclosed (Enclosed to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 98.20%





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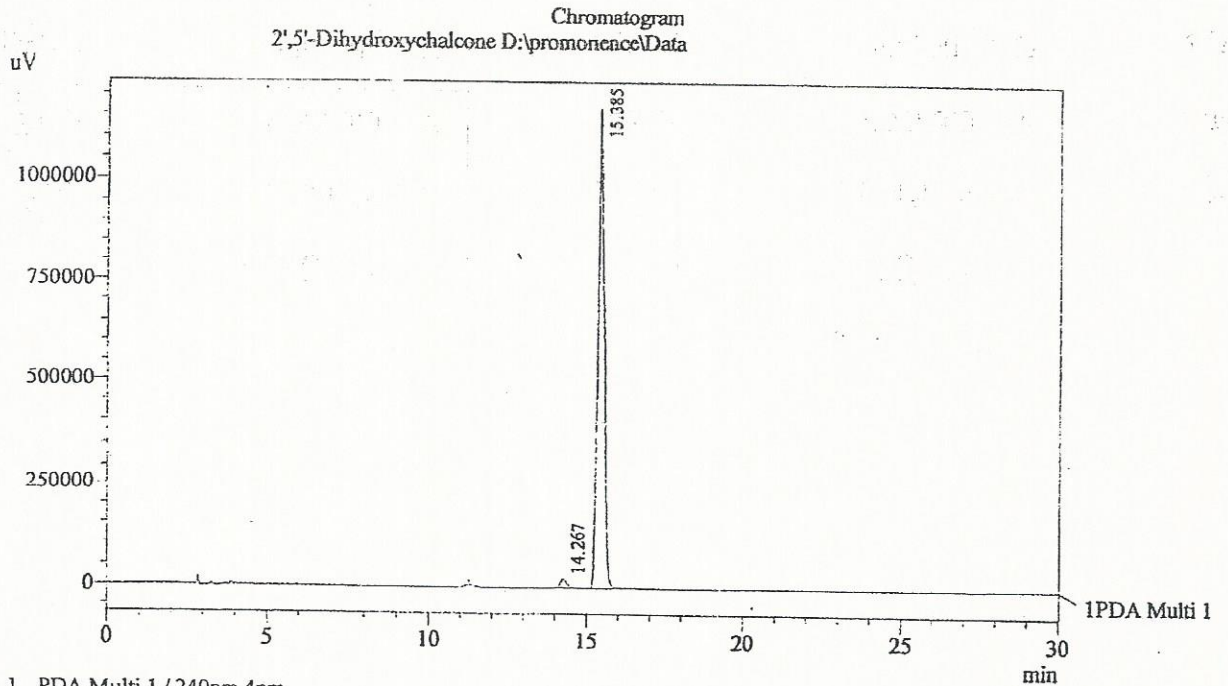
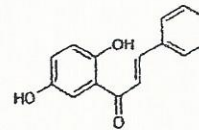
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 2',5'-Dihydroxychalcone
Sample ID : 4.5gms Lot (Lot No:98018)
Injection Volume : 20 uL
Data Filename : 280813Llcd
Method Filename : Linear Gradient M.lcm

Catalog No.: D-601
Product Name: 2',5'-Dihydroxychalcone
Lot No.: 98018

Column : LUNA C-18(2), (250mm x4.6mm 5.0µ)
Flow : 1.000 mL/min.
Mobile Phase : A(0.1% OPA in water) B(Acetonitrile)
0.01 90 10
12.0 10 90
20.0 10 90
23.0 90 10
30.0 90 10
Diluent : Acetonitrile



PeakTable

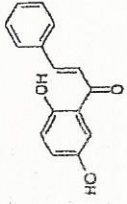
PDA Ch1 240nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:14.267	14.267	300520	1.80	0.93
2	2',5'-Dihydroxychalcone	15.385	16354477	98.20	1.00
Total			16654998	100.00	

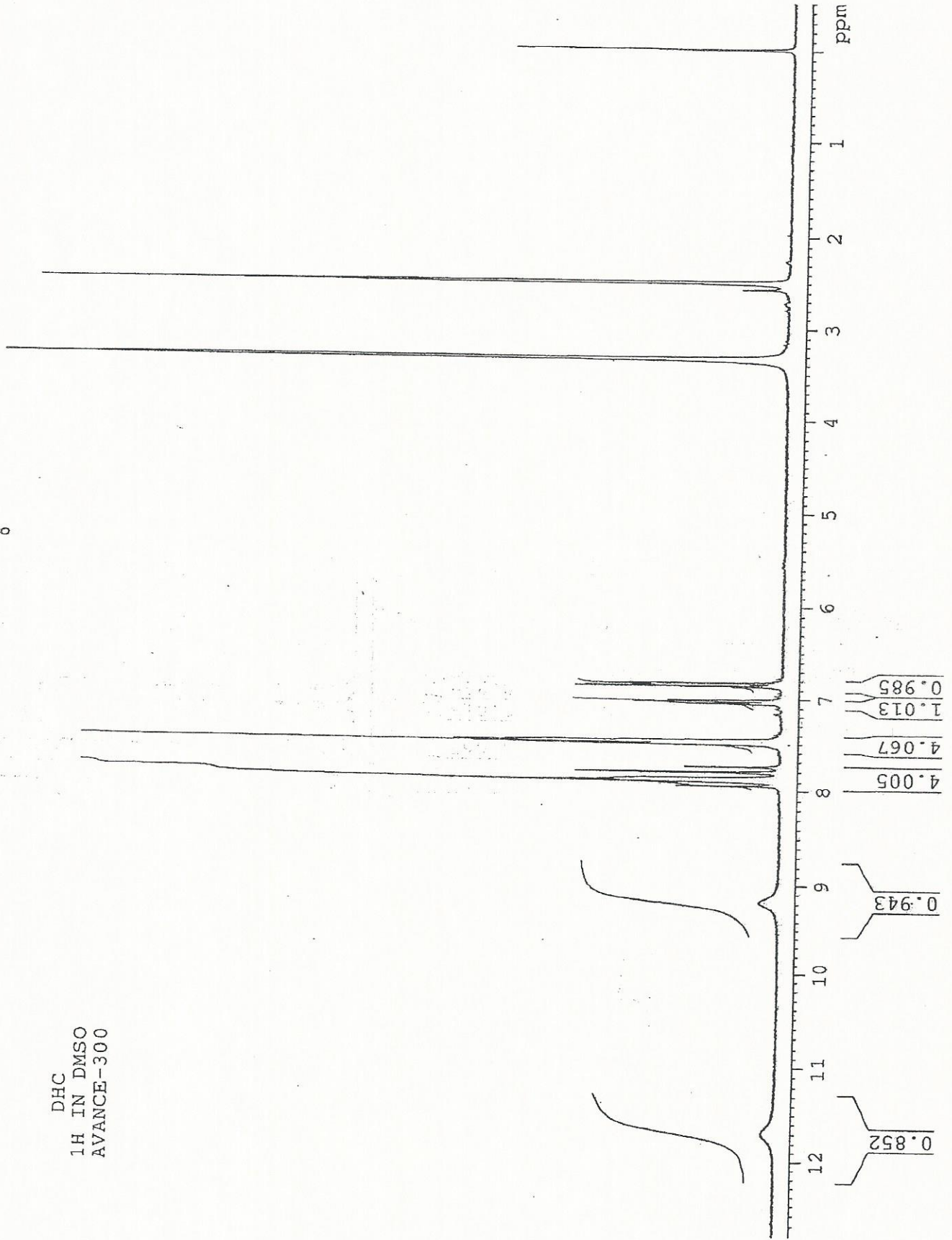


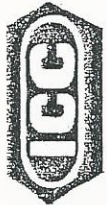
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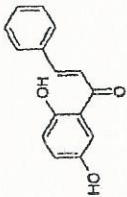
DHC
1H IN DMSO
AVANCE-300





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