



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: H-506

Product Name: **2'-HYDROXY-4'-METHOXYCHALCONE**

CAS Number: [39273-61-5]

Lot Number: 0112300

Chemical Formula: C₁₆H₁₄O₃

Molecular Weight: 254.29

Melting Point: 107-108°C

Appearance: Yellow shining powder

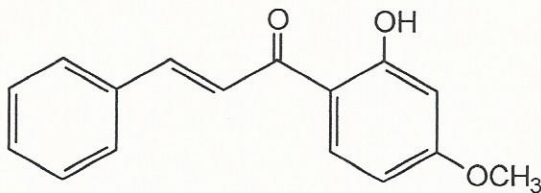
Solubility: Soluble in Chloroform

TLC: n-Hexane : Ethyl acetate (7:3)

NMR Spectrum: Enclosed (Confirms to the structure)

Storage: Store in a cool, dry place

Purity (HPLC): 99.45%





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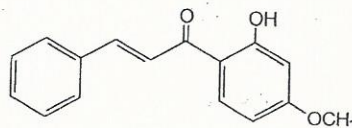
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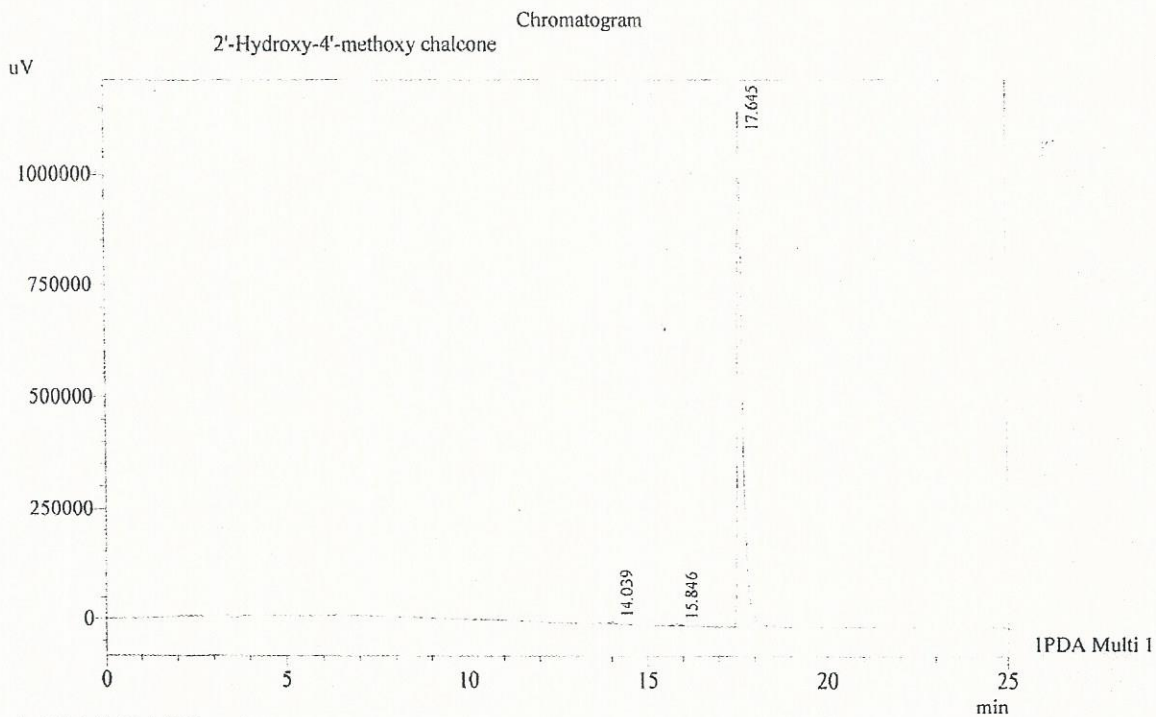
HPLC ANALYSIS

Acquired by : Admin
Sample Name : 2'-Hydroxy-4'-methoxy chalcone
Sample ID : Lot No:0112300
Injection Volume : 20 uL
Data Filename : 291015D.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: H-506
Product Name: 2'-Hydroxy-4'-methoxychalcone
Lot No.: 0112300



Column : Gemini C-18(2), (250mm x4.6mm 5.0μ)
Flow : 1.000 mL/min.
Mobile Phase : A(0.05% TFA in water) B(Acetonitrile)
0.01 90 10
12.0 10 90
20.0 10 90
23.0 90 10
25.0 90 10



1 PDA Multi 1 / 230nm 4nm

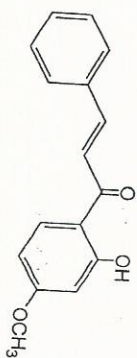
PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:14.039	14.039	19924	0.17	0.80
2	RT:15.846	15.846	43444	0.38	0.90
3	2'-Hydroxy-4'-methoxychal	17.645	11464897	99.45	1.00
Total			11528266	100.00	



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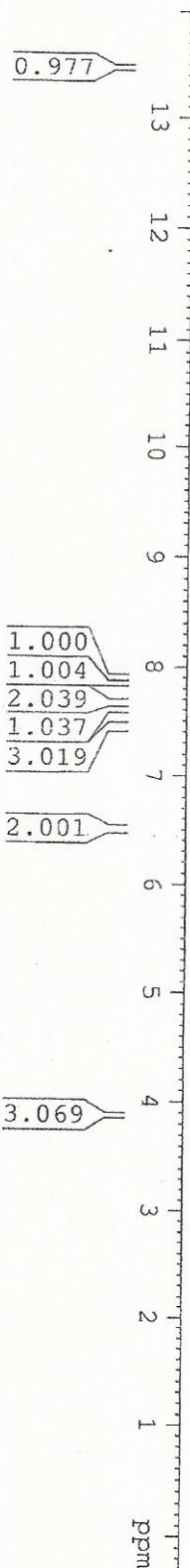
Catalog No.: H-506
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Lot No.: 0112300



SOLVENT CDC13
NS 8
DS 0
SMH 11094.675 Hz
FIDRES 0.333354 Hz
AQ 1.4999588 sec
RG 25.4
DM 45.067 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

==== CHANNEL, f1 =====
NUC1 1H
P1 7.50 usec
PL1 2.97 dB
PL1W 6.09128809 W
FREQ 600.3346850 MHz
S1 32768
SF 600.3300142 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

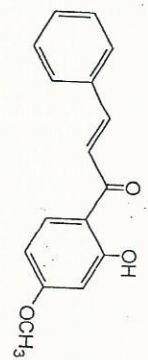
1H IN CDCL3
AVANCE-600





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 Lot No.: 0112300



SOLVENT CDCl3
 NS 8
 DS 0
 SKH 11094.675 Hz
 FIDRES 0.33354 Hz
 AQ 1.4999588 sec
 RG 25.4
 DW 45.067 usec
 DE 6.00 usec
 TE 258.2 K
 D1 1.5000000 sec
 ID0 1

===== CHANNEL F1 =====
 NOCI 1H
 P1 7.50 usec
 PL1 2.97 dB
 PL1W 6.09128809 W
 SF01 600.334650 MHz
 SI 32766
 SF 600.3300142 MHz
 WDM FM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

