



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.: M-601

Product: 3'-METHOXYFLAVONE

CAS Number: [53906-83-5]

Lot Number: 1212278

Chemical Formula: C₁₆H₁₂O₃

Molecular Weight: 252.27

Melting Point: 129-131°C

Appearance: White powder

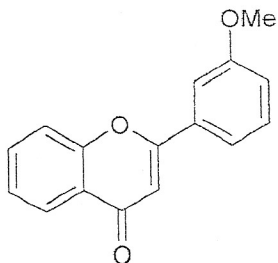
Solubility: Soluble in Chloroform

TLC: Hexane:Ethyl acetate (7:3)

NMR Spectrum: Enclosed

Storage: Cool, dry place

Purity(HPLC): 99.91%





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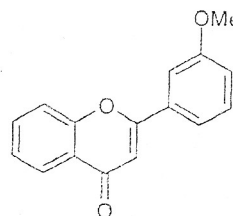
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HPLC ANALYSIS

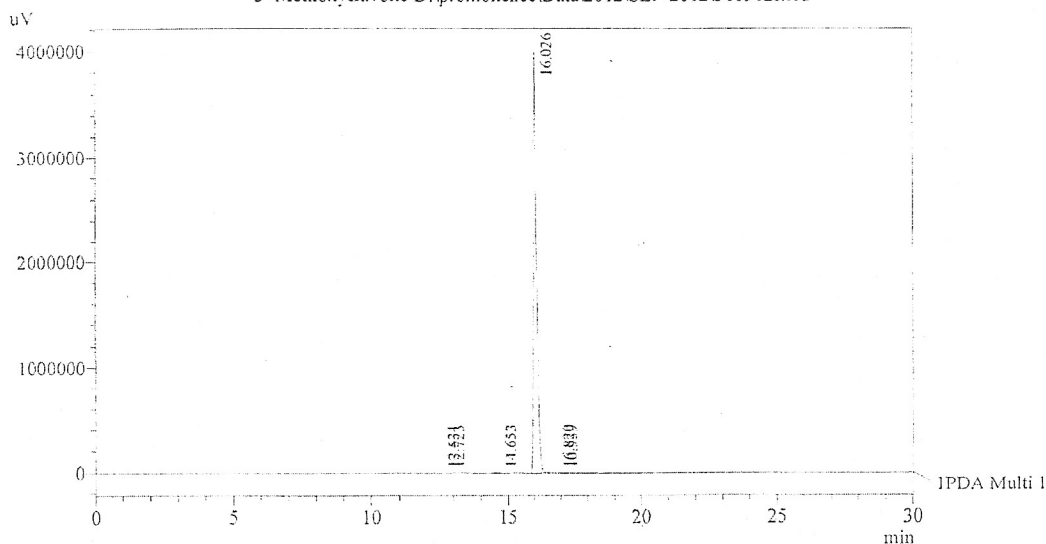
Acquired by : Sanjeev
Sample Name : 3'-Methoxyflavone
Sample ID : 100 gms (Herborganics Pvt Ltd)
Injection Volume : 20 uL
Data Filename : 3009121.lcd
Method Filename : Linear Gradient.M.lcm

Catalog no.: M-601
Product name: 3'-Methoxyflavone
Lot No.: 1212278

Column : LUNA 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
30.0 90 10



Chromatogram
3'-Methoxyflavone D:\promonence\Data\2012\SEP-2012\3009121.lcd



1 PDA Multi 1 / 254nm 4nm

PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:12.531	12.531	1945	0.01	0.78
2	RT:12.723	12.723	2117	0.01	0.79
3	RT:14.653	14.653	14985	0.05	0.91
4	3'-Methoxyflavone	16.026	31924635	99.91	1.00
5	RT:16.829	16.829	2977	0.01	1.05
6	RT:16.939	16.939	7588	0.02	1.06
Total			31954247	100.00	



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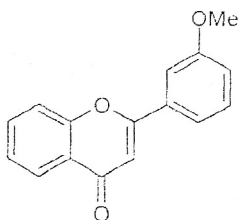
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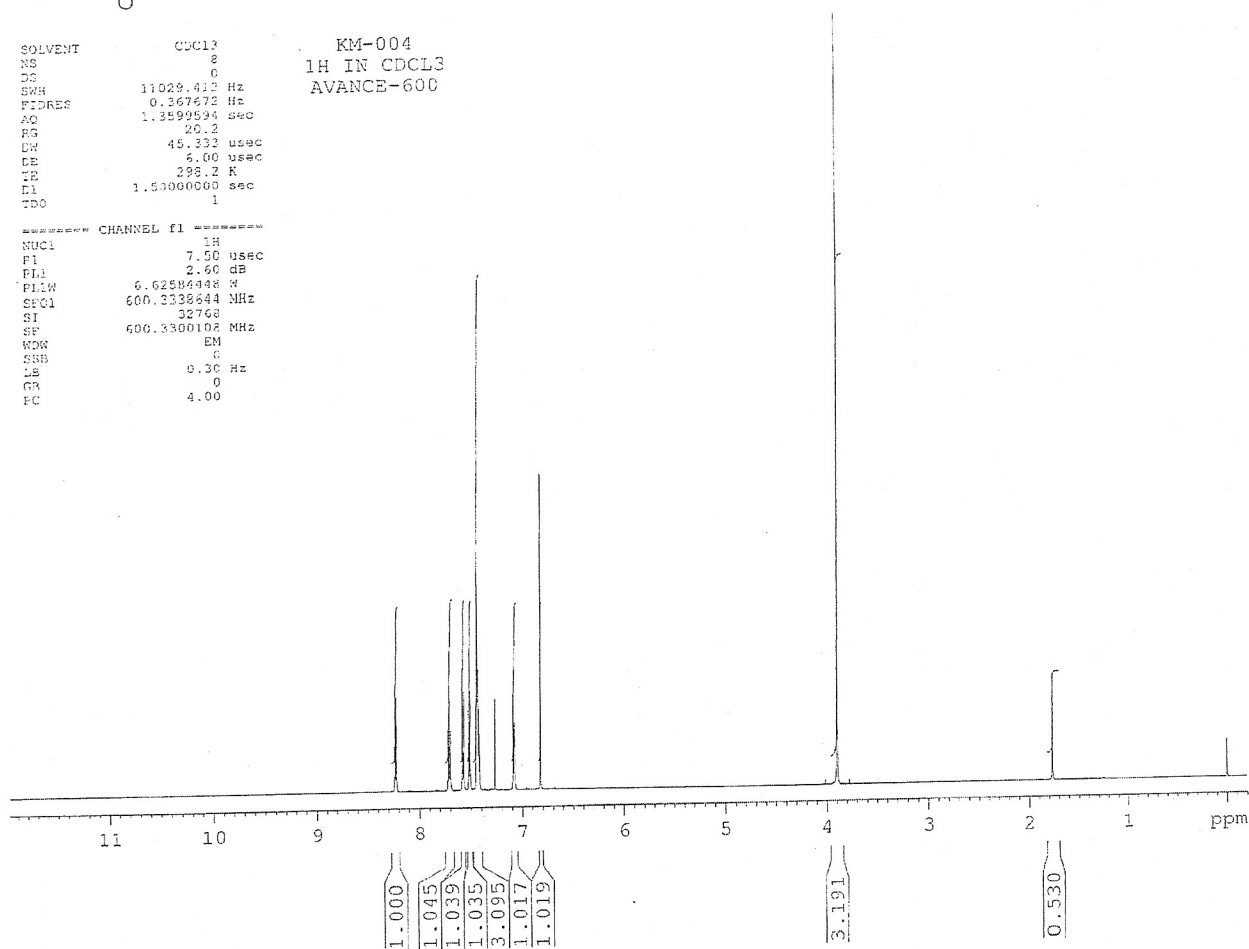
Catalog no.: M-601
Product name: 3'-Methoxyflavone
Lot No.: 1212278



SOLVENT CDCL3
NS 0
DS 0
SWH 11029.412 Hz
FIDRES 0.367672 Hz
AQ 1.3599594 sec
RG 20.2
DN 45.232 usec
DE 6.00 usec
TE 298.2 K
D1 1.53060000 sec
TDO 1

KM-004
1H IN CDCL3
AVANCE-600

***** CHANNEL f1 *****
NUC1 1H
F1 7.50 usec
P1 2.60 dB
P1LW 6.62586448 W
SFQ1 606.2338644 MHz
SI 32768
SF 606.3300102 MHz
WDW EM
SSB C
LB 0.30 Hz
GB 0
PC 4.00





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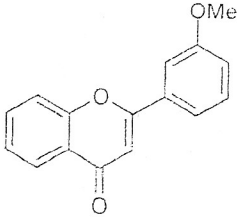
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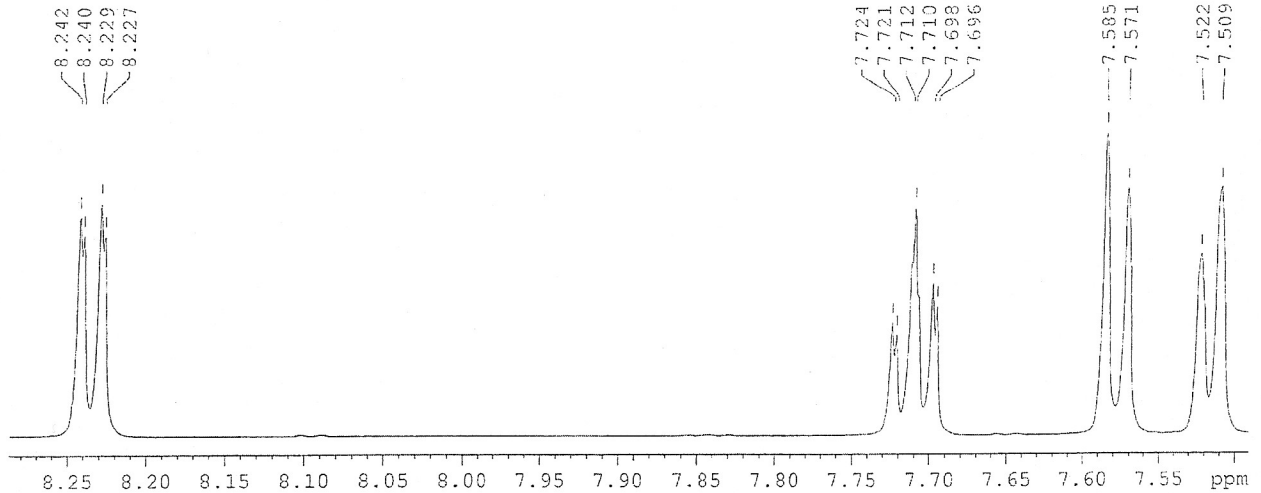
SOLVENT      CDCL3      KM-004
NS           0
DS           0          1H IN CDCL3
SRH         11629.412 Hz AVANCE-600
FIDRES      0.367672 Hz
AQ          1.3592594 sec
RG          20.2
DW          45.333 usec
DE          6.00 usec
TE          298.2 K
D1          1.50000000 sec
TDC         1

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===== CHANNEL f1 =====
NUC1         1H
P1           7.50 usec
PL1         2.00 dB
PL1W        6.62584448 W
SFO1        600.330644 MHz
SI          32768
SF          500.3300168 MHz
WDW         EM
SSB         0
LB          0.30 Hz
GB          0
PC          4.00

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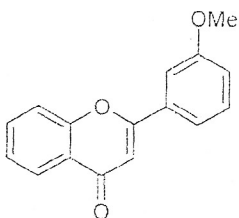
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SOLVENT CDCl3
NS 8
DS 0
SWH 11029.412 Hz
FIDRES 0.267672 Hz
AQ 1.3599594 sec
RG 20.2
DW 45.332 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

KM-004
1H IN CDCl3
AVANCE-600

==== CHANNEL f1 =====
NUC1 1H
F1 7.50 usec
FL1 2.60 dB
PL1W 6.62584448 W
SFO1 600.3338644 MHz
SI 32762
SF 600.1200102 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 4.00

