



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.: H-410

Product: 3'-HYDROXYFLAVONE

CAS Number: [70460-18-3]

Lot Number: 1212272

Chemical Formula: C₁₅H₁₀O₃

Molecular Weight: 238.25

Melting Point: 209-212°C

Appearance: White powder

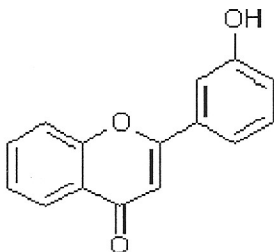
TLC: Chloroform: Methanol (9:1)

Solubility: Soluble in DMSO

NMR Spectrum: Enclosed

Storage: Cool dry place

Purity(HPLC): 98.74%



H-410



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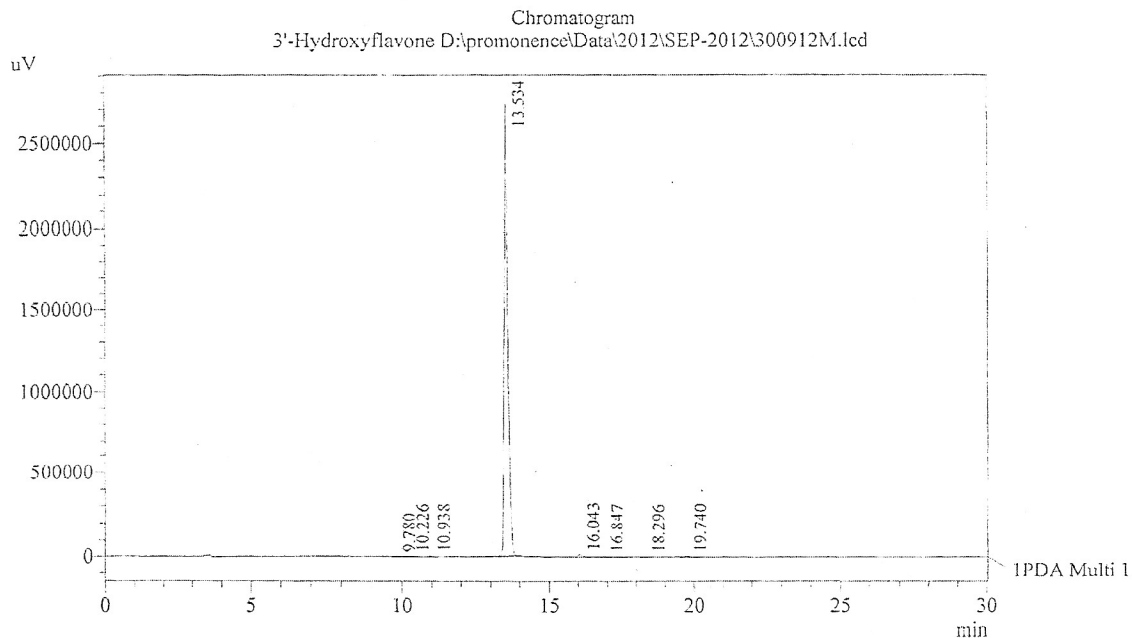
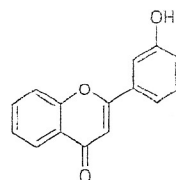
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Sanjeev
 Sample Name : 3'-Hydroxyflavone
 Sample ID : 100gm Lot (Herborganics)
 Injection Volume : 20 uL
 Data Filename : 300912M.lcd
 Method Filename : Linear Gradient.M.lcm

Catalog no.: H-410
 Product name: 3'-Hydroxyflavone
 Lot No.: 1212272

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



1 PDA Multi 1 / 240nm 4nm

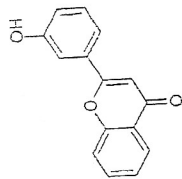
PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:9.780	9.780	3824	0.02	0.72
2	RT:10.226	10.226	34797	0.15	0.76
3	RT:10.938	10.938	29540	0.13	0.81
4	3'-Hydroxyflavone	13.534	23153230	98.74	1.00
5	RT:16.043	16.043	150526	0.64	1.19
6	RT:16.847	16.847	11597	0.05	1.24
7	RT:18.296	18.296	6904	0.03	1.35
8	RT:19.740	19.740	58588	0.25	1.46
Total			23449006	100.00	



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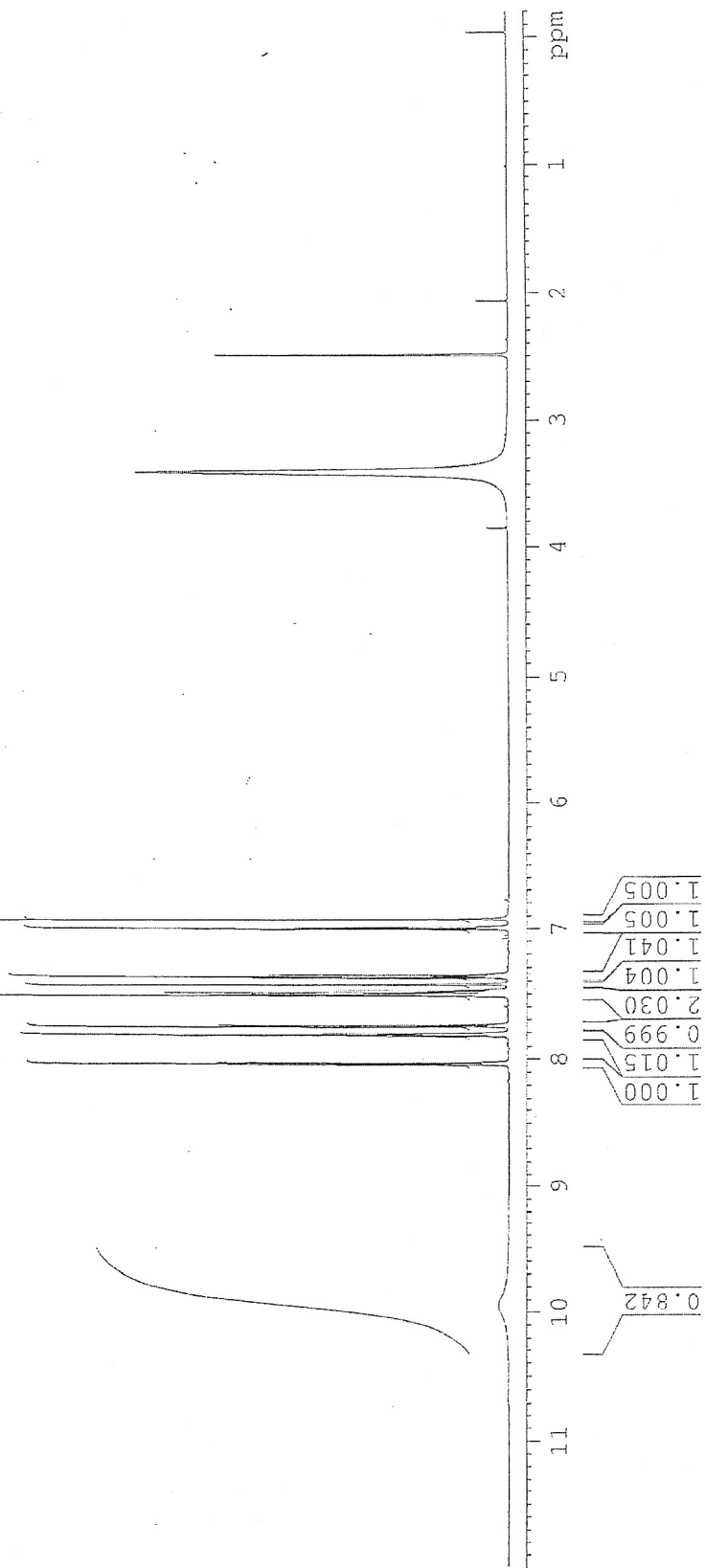
Catalog no.: H-410
 Product name: 3'-Hydroxyflavone
 Lot No.: 1212272



KM-002
 1H IN DMSO
 AVANCE-600

SOLVENT DMSO
 NS 16
 DS 0
 SWH 11029.412 Hz
 FIDDES 0.367672 Hz
 AQ 1.3599594 sec
 RG 36
 DW 45.333 usec
 DE 6.00 usec
 TE 298.2 K
 DI 1.5000000 sec
 ID0 1

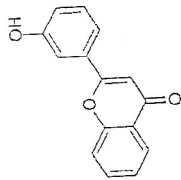
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 NUC1 1H
 P1 7.50 usec
 PL1 2.60 dB
 PL1W 6.62584448 W
 SF01 600.3338644 MHz
 SI 3768
 SF 600.3300116 MHz
 MDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00





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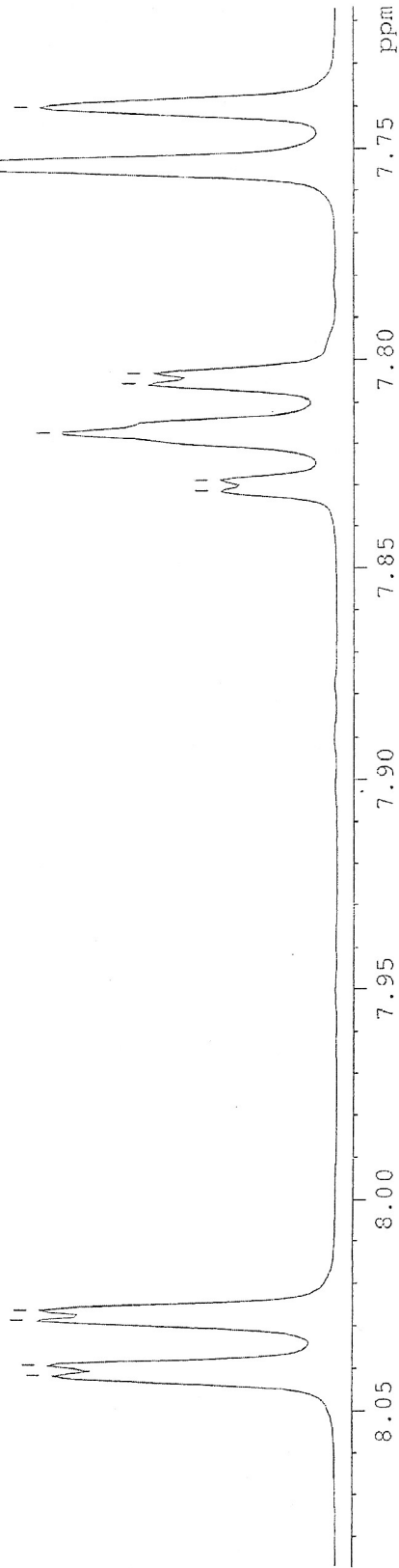
KM-002
 1H IN DMSO
 AVANCE-600

SOLVENT DMSO
 NS 16
 DS 0
 SWH 11029.412 Hz
 FIDRES 0.367672 Hz
 AQ 1.3599594 sec
 RG 36
 DW 45.323 usec
 DE 6.00 usec
 TE 298.2 K
 D1 1.50000000 sec
 TDC 1

***** CHANNEL f1 *****
 NUC1 1H
 P1 7.50 usec
 PL1 2.60 dB
 PL1W 6.62584448 W
 SFOL 600.3338644 MHz
 SI 32768
 SF 600.3300116 MHz
 EM
 WDW 0
 SSB 0.30 Hz
 LB 0
 GB 0
 PC 1.00

0.042
 0.040
 0.029
 0.026

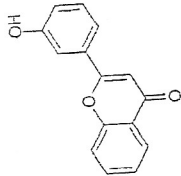
7.831
 7.829
 7.817
 7.806
 7.803
 7.754
 7.740





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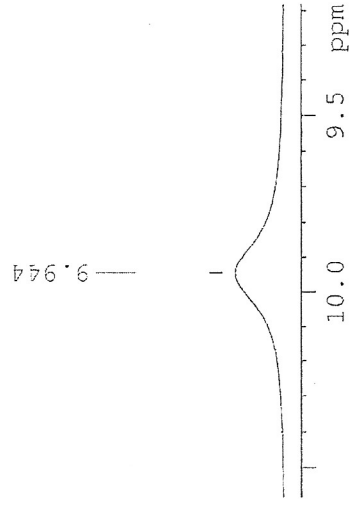
Catalog no.: H-410
 Product name: 3'-Hydroxyflavone
 Lot No.: 1212272



KM-002
 1H IN DMSO
 AVANCE-600

SOLVENT DMSO
 NS 16
 DS 0
 SWH 11029.412 Hz
 FIDRES 0.387672 Hz
 AQ 1.359594 sec
 RG 36
 DW 45.333 usec
 DE 6.00 usec
 TE 298.2 K
 D1 1.5000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 7.50 usec
 PL1 2.60 dB
 FLLW 6.6258448 W
 SF01 600.3336644 MHz
 SI 32768
 SF 600.3300116 MHz
 EN
 0
 0.30 Hz
 LB 0
 GB 0
 PC 1.00



7.516
7.503
7.473
7.426
7.429
7.432
7.373
7.360
7.347
7.003
6.999
6.989
6.986
6.919

