



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-427

Product: **7-HYDROXY-4'-METHOXYFLAVONE**
(Pratol)

CAS Number: [487-24-1]

Lot Number: 0104044

Chemical Formula: C₁₆H₁₂O₄

Molecular Weight: 268.27

Melting Point: 267-270°C

Appearance: Light cream colored powder

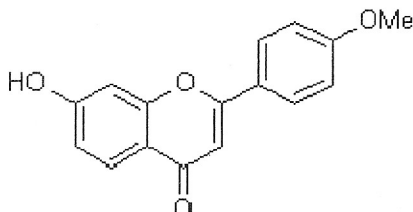
Solubility: Soluble in DMSO

TLC: Chloroform:methanol (9:1)

NMR Spectrum: Enclosed

Storage: Cool dry place

Purity(HPLC): 97.47%





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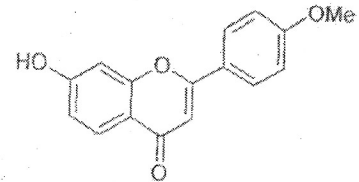
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HPLC ANALYSIS

Acquired by : Sanjeev
 Sample Name : 7-Hydroxy-4'-methoxyflavone
 Sample ID : Lot No:-0104044
 Injection Volume : 20 uL
 Data Filename : 180812D.lcd
 Method Filename : Linear Isocratic.M.lcm

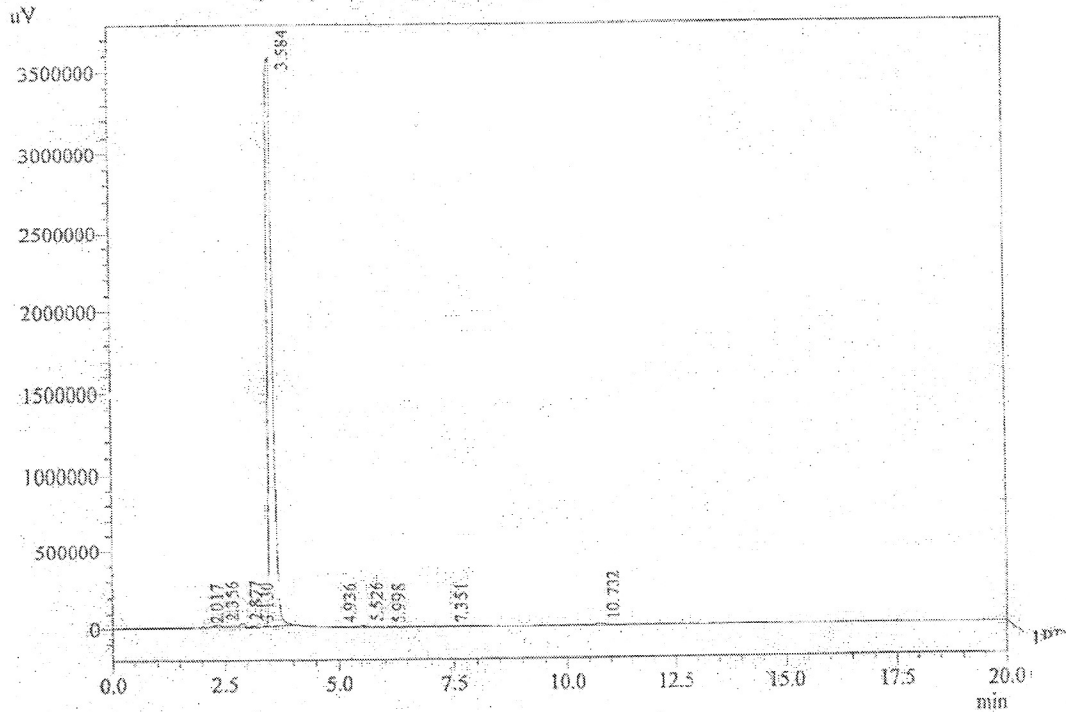
Catalog no.: H-427
 Product name: 7-Hydroxy-4'-methoxyflavone
 Lot No.: 0104044



Column : LUNA C-18(2), (250mm x4.6mm 5.0µ)
 Flow : 1.000 mL/min.
 Mobile Phase : A(30% of 0.05% TFA in water) B(70% of Acetonitrile)

Chromatogram

7-Hydroxy-4'-methoxyflavone D:\promonence\Data\2012\AUG-2012\180812D.lcd



1 PDA Multi 1 / 220nm 4nm

PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:2.017	2.017	24585	0.08	0.56
2	RT:2.356	2.356	115493	0.38	0.66
3	RT:2.877	2.877	126477	0.41	0.80
4	RT:3.130	3.130	71048	0.23	0.87
5	RT:3.584	3.584	29781374	97.47	1.00
6	RT:4.936	4.936	10785	0.04	1.38
7	RT:5.526	5.526	111915	0.37	1.54
8	RT:5.998	5.998	23664	0.08	1.67
9	RT:7.351	7.351	15734	0.05	2.05
10	RT:10.732	10.732	372116	0.89	2.99
Total			30553190	100.00	



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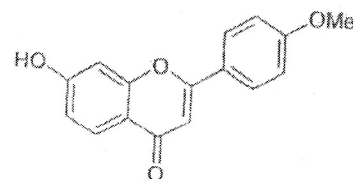
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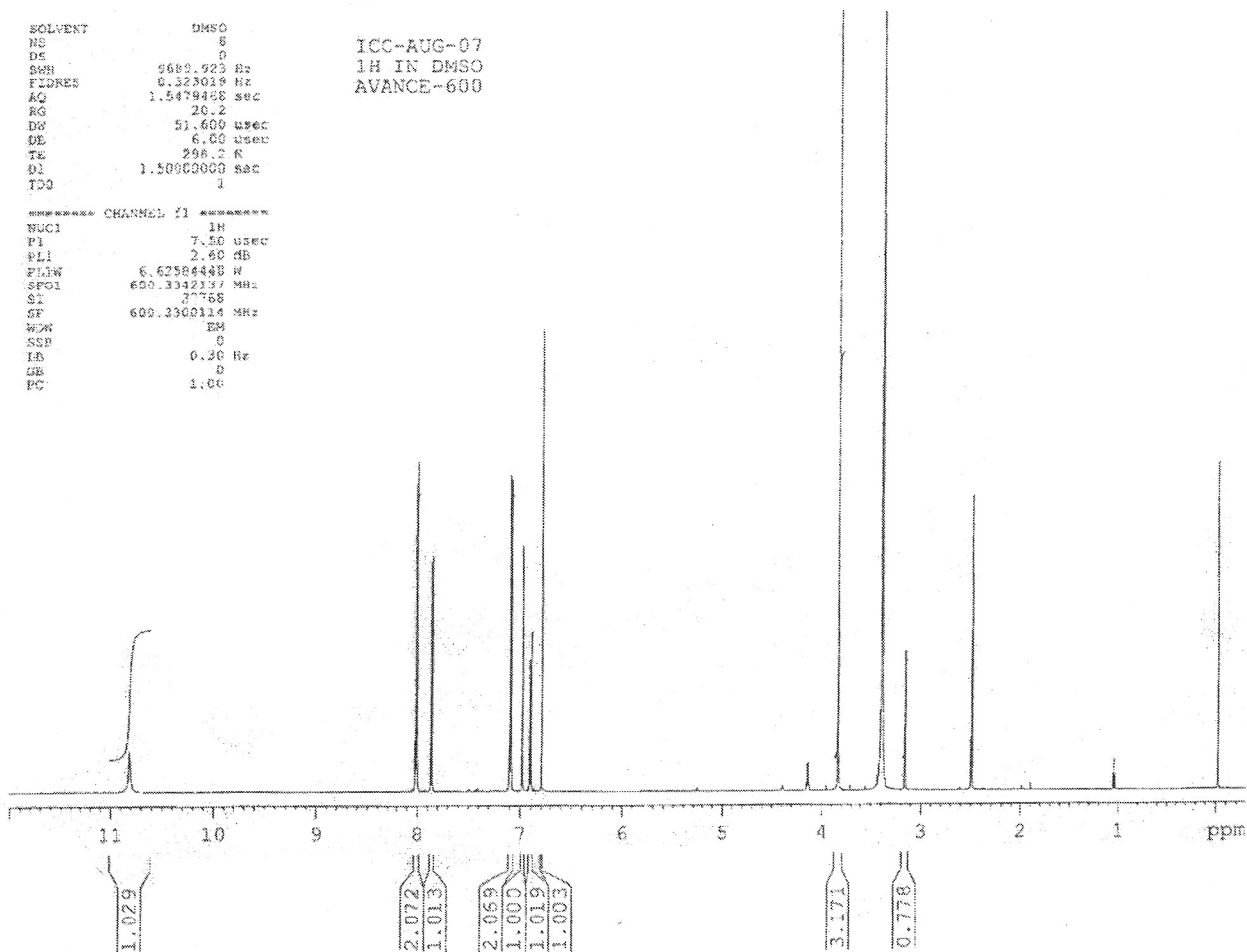
Catalog no.: H-427
Product name: 7-Hydroxy-4'-methoxyflavone
Lot No.: 0104044



SOLVENT DMSO
NS 8
DS 8
SSR 9989.929 Hz
FIDRES 0.323016 Hz
AQ 1.5479458 sec
RG 20.2
DS 51.600 usec
DE 6.00 usec
TE 296.2 K
D1 1.5000000 sec
TD0 1

ICC-AUG-07
1H IN DMSO
AVANCE-600

***** CHANNEL F1 *****
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62584448 W
SFO1 600.3342137 MHz
SI 37758
SF 600.3300114 MHz
WDW EM
SSP 0
IB 0.20 Hz
GB D
PC 1.00





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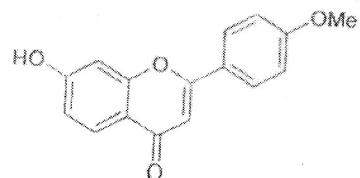
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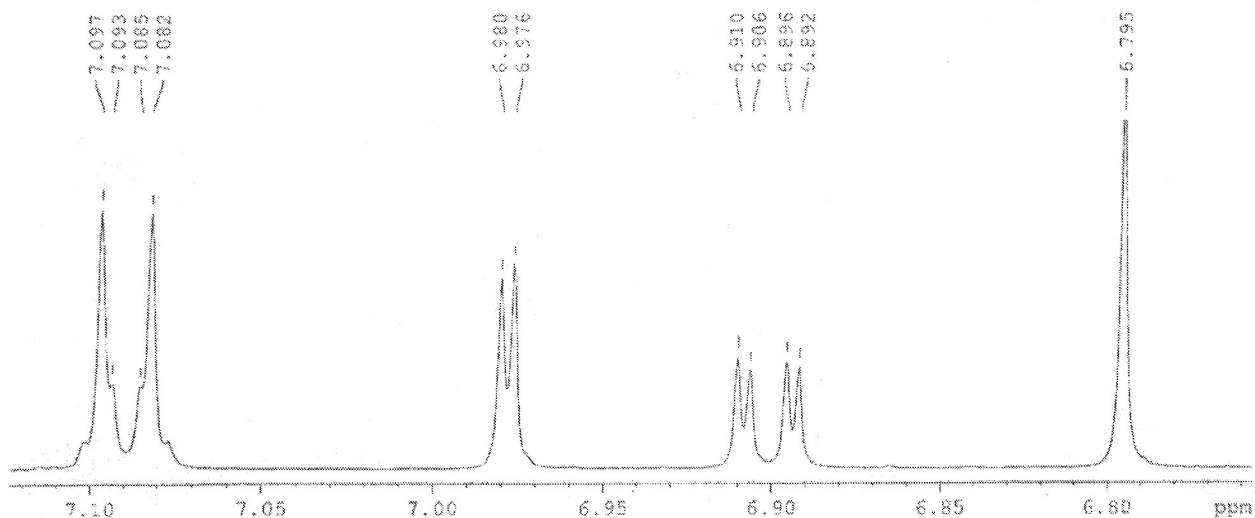
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Catalog no.: H-427
Product name: 7-Hydroxy-4'-methoxyflavone
Lot No.: 0104044



SOLVENT	DMSO	
NS	6	ICC-AUG-07
DS	0	1H IN DMSO
SWH	669.923 Hz	AVANCE-600
FIDRES	0.323019 Hz	
AQ	1.5475468 sec	
RG	20.2	
DW	51.689 usec	
DE	6.60 usec	
TE	298.2 K	
D1	1.50000000 sec	
TD0	1	

----- CHANNEL f1 -----	
NUC1	1H
F1	7.50 usec
PL1	2.60 dB
PL1W	6.62384448 W
SFO1	600.3300337 MHz
SI	32768
SF	600.3300114 MHz
RGW	EM
SGW	0
LR	0.30 Hz
GB	0
PC	1.00





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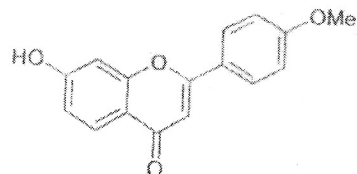
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Product name: 7-Hydroxy-4'-methoxyflavone
Lot No.: 0104044



SOLVENT DMSO
NS 9
DS 0
SMH 9689.903 Hz
FIDRES 0.323619 Hz
AQ 1.9479469 sec
RG 26.2
DN 51.600 usec
DE 6.00 usec
TE 298.2 K
D1 1.5000000 sec
TD0 1

----- CHANNEL f1 -----
PULP 1H
F1 7.50 USEC
PL1 2.60 GH
PL1W 6.62584448 W
SFO1 600.3352137 MHz
SI 32768
SF 600.3300114 MHz
RBN EM
SGB 0
LB 0.30 Hz
GB 0
PC 1.00

ICC-AUG-07
1H IN DMSO
AVANCE-600

