



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.: 19-659

Product: 4'-ACETOXY-7-HYDROXY-6-METHOXYISOFLAVONE

Lot Number: 0310177

Molecular Formula: $C_{18}H_{14}O_6$

Molecular Weight: 326.31

Melting Point: 200.6-203°C

Appearance: White powder

Solubility: Soluble in Chloroform

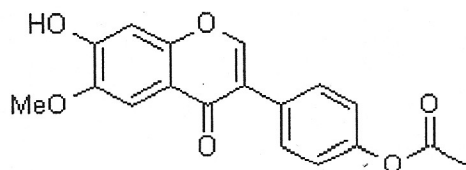
TLC: Hexane:Ethyl acetate (1:1)

Solubility: Clear solution in Chloroform

NMR Spectrum: Enclosed

Purity(HPLC): 97.28%

Storage: Cool Dry Place



19-659



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HPLC ANALYSIS

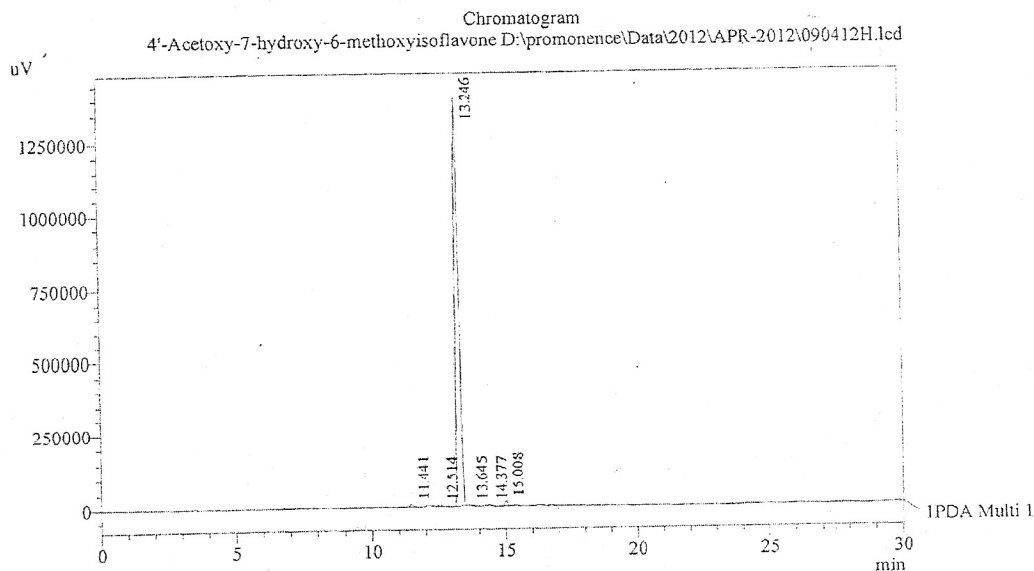
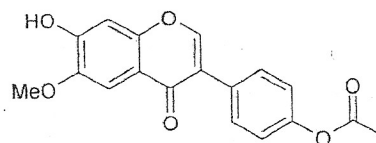
Acquired by : Sanjeev
Sample Name : 4'-Acetoxy-7-hydroxy-6-methoxyisoflavone
Sample ID : Lot No:-0310177
Injection Volume : 20 uL
Data Filename : 090412H.lcd
Method Filename : Linear Gradient.M.lcm

Catalog no.: 19-659

Product name: 4'-Acetoxy-7-hydroxy-6-methoxyisoflavone

Lot No.: 0310177

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
25.0 90 10
30.0 90 10



1 PDA Multi 1 / 254nm 4nm

PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:11.441	11.441	91763	0.66	0.86
2	RT:12.514	12.514	51787	0.37	0.94
3	RT:13.246	13.246	13624836	97.28	1.00
4	RT:13.645	13.645	28051	0.20	1.03
5	RT:14.377	14.377	51029	0.36	1.09
6	RT:15.008	15.008	157835	1.13	1.13
Total			14005301	100.00	



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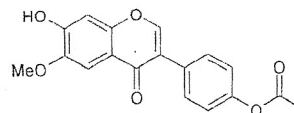
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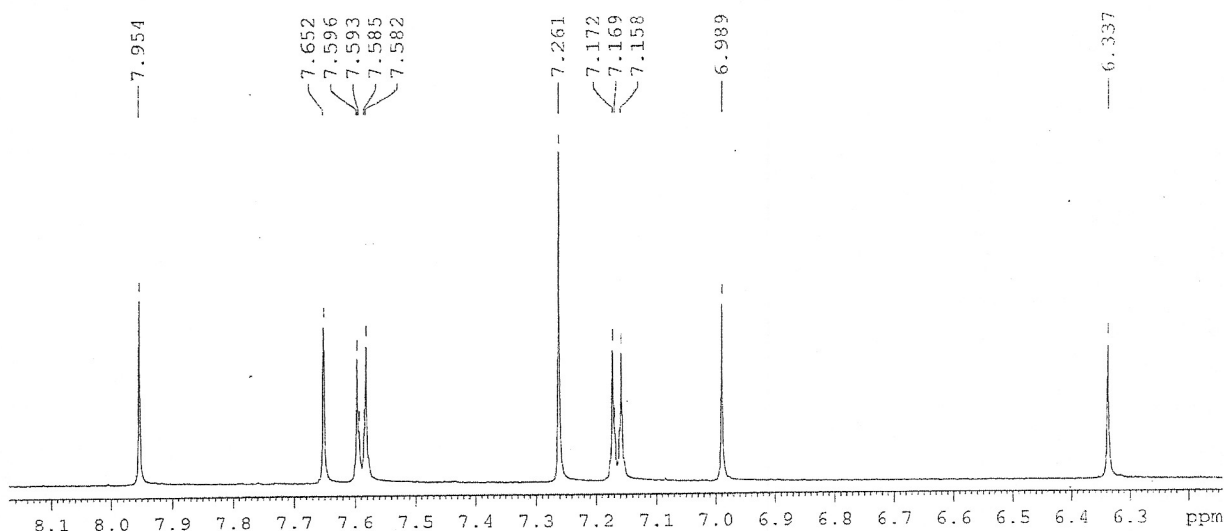
Catalog no.: 19-659
Product name: 4'-Acetoxy-7-hydroxy-6-methoxyisoflavone
Lot No.: 0310177



SOLVENT CDCL3
NS 32
DS 0
SWH 9681.423 Hz
FIDRES 0.329403 Hz
AQ 1.5179487 sec
RG 2050
DM 50.600 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD 1

ICC-APR-07
1H IN CDCL3
AVANCE-600

===== CHANNEL f1 =====
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62564448 W
SFO1 600.3346369 MHz
ST 32768
SF 600.3300147 MHz
WDW EM
SSE 0
LB 0.30 Hz
GB 0
PC 1.00





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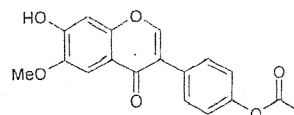
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FIDRES 0.329403 Hz
AQ 1.5179487 sec
RG 2050
DW 50.600 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

ICC-APR-07
1H IN CDCL3
AVANCE-600

===== CHANNEL f1 =====
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62584448 W
SFO1 600.3346268 MHz
ST 32768
SF 600.3300147 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

