



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.: 22-363

Product: 3'-HYDROXY-6-METHYLFLAVONE

CAS Number: [468060-75-5]

Lot Number: 1212273

Chemical Formula: C₁₆H₁₂O₃

Molecular Weight: 252.27

Melting Point: 199-201°C

Appearance: Cream Color powder

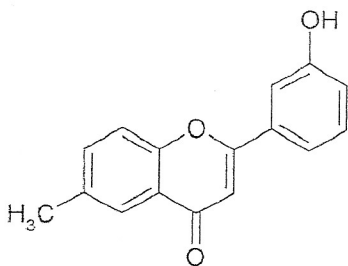
Solubility: Soluble in DMSO

TLC: Chloroform:Methanol (9:1)

NMR Spectrum: Enclosed

Storage: Cool dry place

Purity(HPLC): 99.86%





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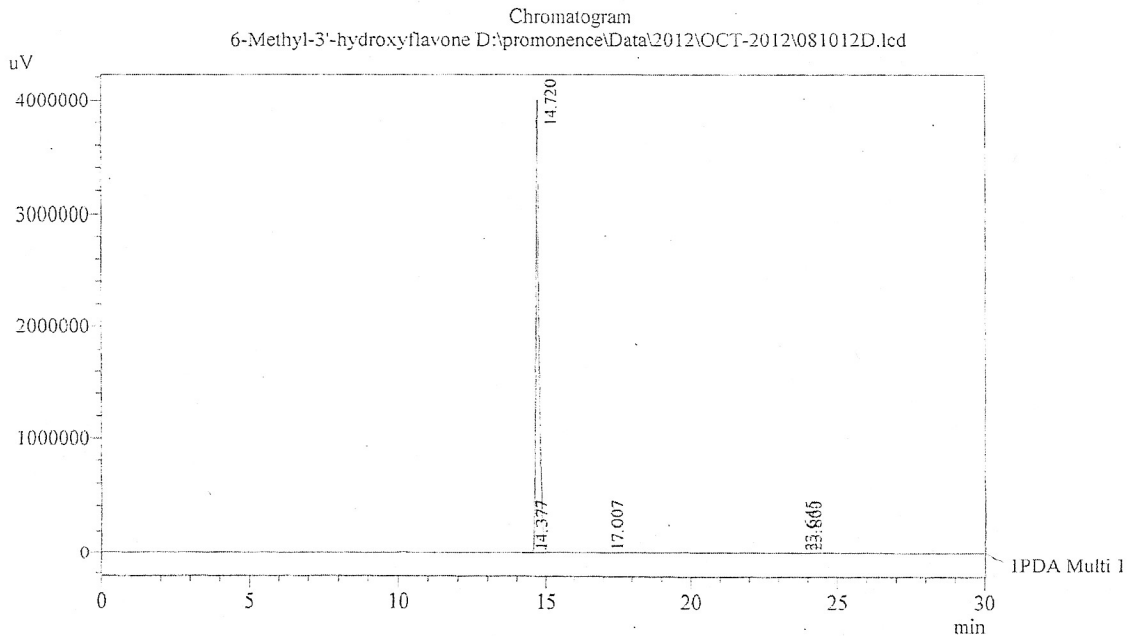
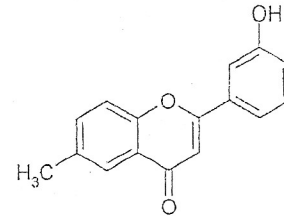
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 6-Methyl-3'-hydroxyflavone
Sample ID : 175gm Lot (Herborgonics)
Injection Volume : 20 uL
Data Filename : 081012D.lcd
Method Filename : Linear Gradient.M.lcm

Catalog no.: 22-363
Product name: 3'-Hydroxy-6-methylflavone
Lot No.: 1212273

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 / 254nm 4nm

PeakTable

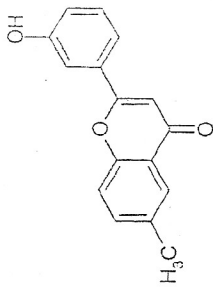
PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:14.377	14.377	8050	0.03	0.98
2	6-Methyl-3'-hydroxyflavone	14.720	31417809	99.86	1.00
3	RT:17.007	17.007	13482	0.04	1.16
4	RT:23.645	23.645	12446	0.04	1.61
5	RT:23.800	23.800	8709	0.03	1.62
Total			31460496	100.00	



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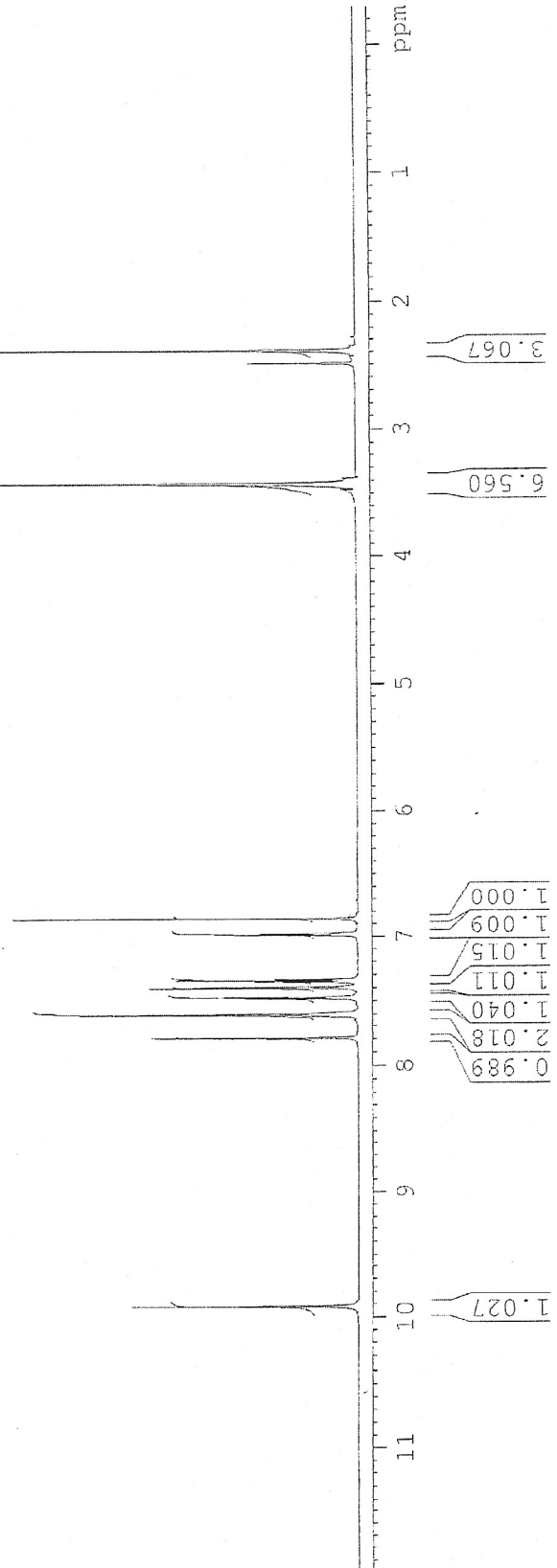
Catalog no.: 22-363
 Product name: 3'-Hydroxy-6-methylflavone
 Lot No.: 1212273



SOLVENT DMSO
 NS 3
 ES 0
 SMH 13920.833 Hz
 FIDRES 0.434057 Hz
 AQ 1.1519732 sec
 RG 20.2
 DW 38.400 usec
 DE 6.00 usec
 TE 298.2 K
 C1 1.50000000 sec
 TD0 1

KM-12
 1H IN DMSO
 AVANCE-600

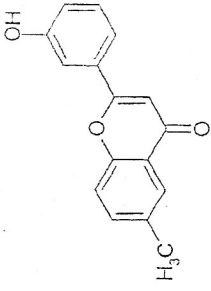
----- CHANNEL f1 -----
 NUCL1 1H
 P1 7.50 usec
 PL1 2.50 dB
 PULP 6.62584818 W
 SF01 600.3334650 MHz
 SI 32769
 SF 600.3300118 MHz
 WDW EM
 SSB 0
 LE 0.30 Hz
 GB 0
 FC 1.00





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Catalog no.: 22-363
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==== CHANNEL f1 =====
 NUC1 1H
 FL 7.50 usec
 FL1 2.60 dB
 P1W 6.62584448 W
 SFO1 600.3334650 MHz
 SI 32768
 SE 600.3300118 MHz
 WDW FN
 SSB 0
 LB 0.30 Hz
 GE 0
 EC 1.00

KM-12
 1H IN DMSO
 AVANCE-600

