



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.: 22-361

Product: 2'-METHOXY-6-METHYLFLAVONE

Lot Number: 0405127

Chemical Formula: C₁₇H₁₄O₃

Molecular Weight: 266.30

Melting Point: 109-111°C

Appearance: White powder

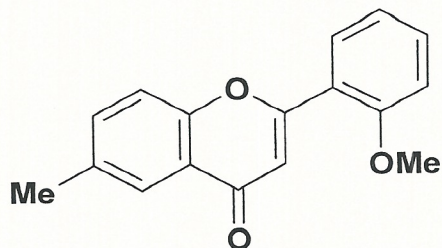
Solubility: Soluble in chloroform

TLC: Hexane: Ethyl acetate (8:2)

NMR Spectrum: Enclosed

Storage: Cool dry place

Purity (HPLC): 99.94%





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

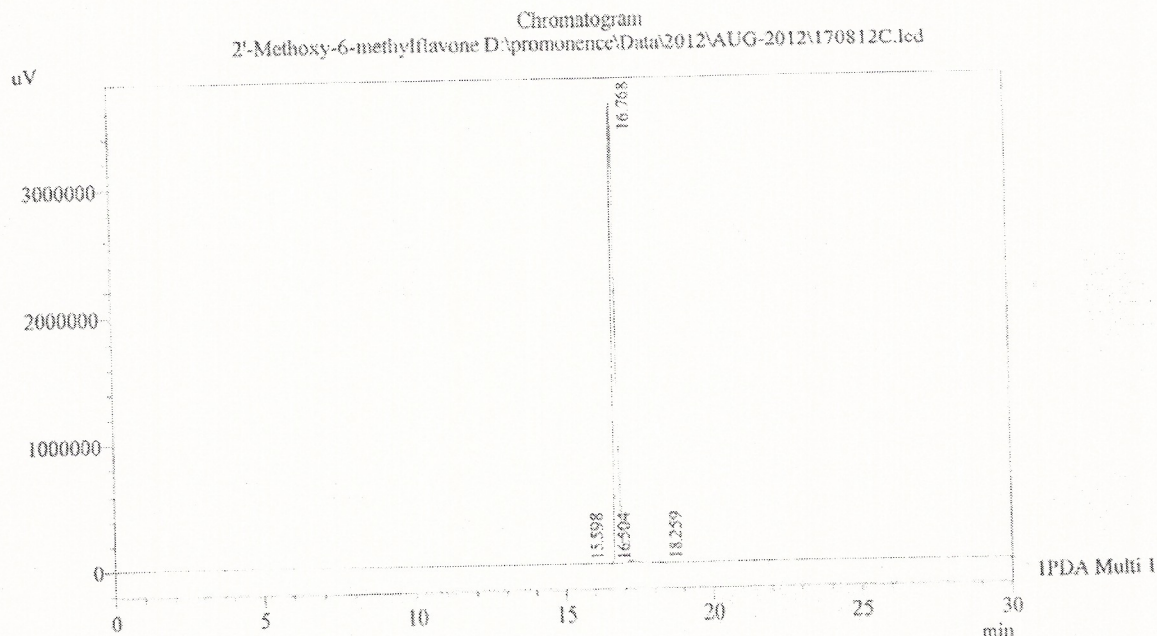
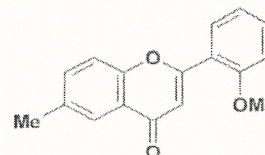
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Sanjeev
 Sample Name : 2'-Methoxy-6-methylflavone
 Sample ID : Lot No:-0405127
 Injection Volume : 20 uL
 Data Filename : 170812C.lcd
 Method Filename : Linear Gradient.M.lcm

Catalog no.: 22-361
 Product name: 2'-Methoxy-6-methylflavone
 Lot No.: 0405127

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:15.598	15.598	10492	0.03	0.93
2	RT:16.504	16.504	1929	0.01	0.98
3	2'-Methoxy-6-methylflavone	16.768	30057083	99.94	1.00
4	RT:18.259	18.259	5336	0.02	1.09
Total			30074840	100.00	



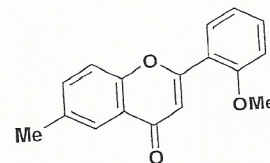
INDOFINE Chemical Company, Inc.

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

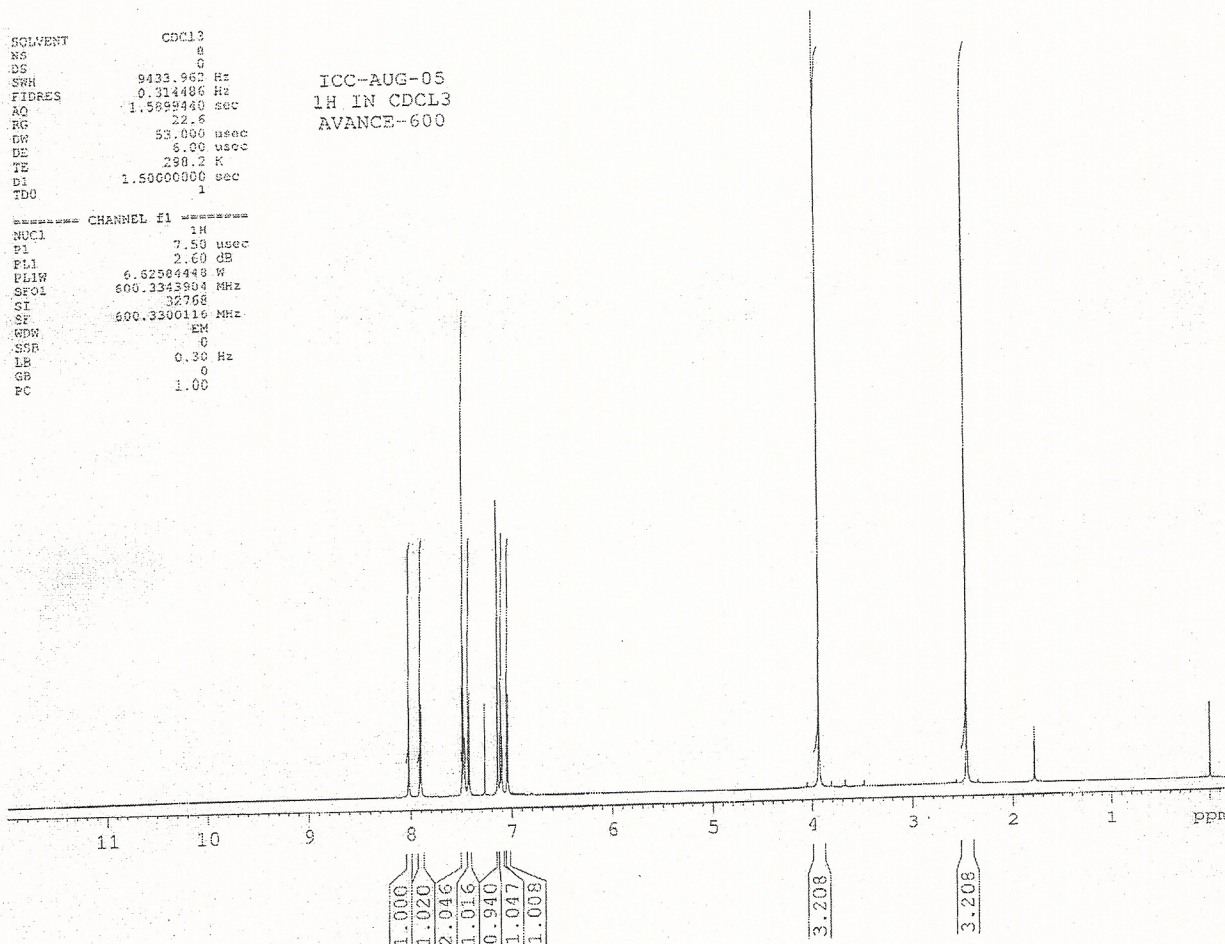


Catalog no.: 22-361
Product name: 2'-Methoxy-6-methylflavone
Lot No.: 0405127

SOLVENT CDCL3
NS 0
DS 0
SWH 9433.962 Hz
FIDRES 0.314486 Hz
AQ 1.568943 sec
RG 22.6
RW 53.090 usec
DE 6.00 usec
TE 298.2 K
D1 1.5000000 sec
TDC 1

ICC-AUG-05
1H IN CDCL3
AVANCE-600

===== CHANNEL f1 =====
NUC1 1H
P1 7.50 usec
PL1 2.00 dB
PL1W 6.62504443 W
SF01 600.3343904 MHz
SI 32758
SF 600.3300116 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





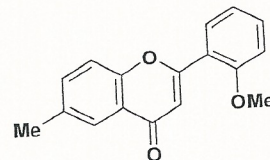
INDOFINE Chemical Company, Inc.

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

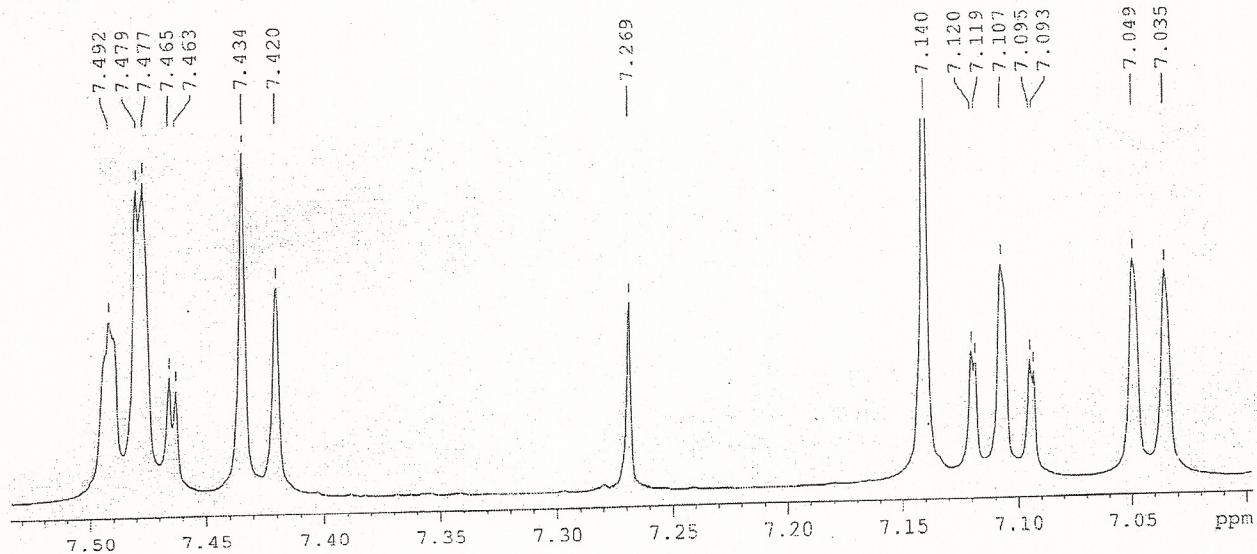


Catalog no.: 22-361
Product name: 2'-Methoxy-6-methylflavone
Lot No.: 0405127

SOLVENT CDC13
NS 8
DS 0
SWH 9433.962 Hz
FIDRES 0.314486 Hz
AQ 1.5859440 sec
RG 22.6
EW 53.600 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

ICC-AUG-05
1H IN CDCL3
AVANCE-600

----- CHANNEL f1 -----
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62584468 W
SF01 600.3343994 MHz
SI 32768
SF 600.3300116 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





INDOFINE Chemical Company, Inc.

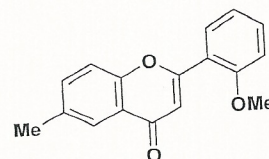
121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

Catalog no.: 22-361
Product name: 2'-Methoxy-6-methylflavone
Lot No.: 0405127



NAME PMG-R-1-CDCL3-23-4-12
EXPNO 8
PROCNO 1
Date_ 20120820
Time 14.44
INSTRUM spect
PROBHD 5 mm CPTCI 1H-
PULPROG zg30
TD 29998
SOLVENT CDCL3
NS 0
DS 0
SWH 9433.962 Hz
FIDRES 0.314486 Hz
AQ 1.9699440 sec
RG 22.6
DW 53.000 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

ICC-AUG-05
1H IN CDCL3
AVANCE-600

----- CHANNEL f1 -----
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62564448 W
SFO1 600.3343904 MHz
SI 32768
SF 600.3300116 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
EC 1.00

