



INDOFINE Chemical Company, Inc.

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

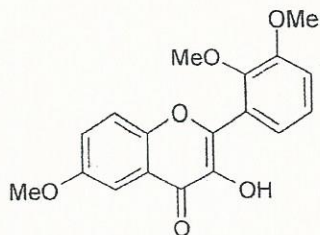
Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

<u>Catalog Number:</u>	22-215
<u>Product Name:</u>	3-HYDROXY-6,2',3'-TRIMETHOXYFLAVONE
<u>Lot Number:</u>	98144
<u>Chemical Formula:</u>	C ₁₈ H ₁₆ O ₆
<u>Molecular Weight:</u>	328.33
<u>Melting Point:</u>	216-218°C
<u>Appearance:</u>	Off white powder
<u>Solubility:</u>	Soluble in DMSO
<u>TLC:</u>	n-Hexane : Ethyl acetate (1:1)
<u>NMR Spectrum:</u>	Enclosed (Conforms to the structure)
<u>Storage:</u>	Store in cool, dry place
<u>Purity (HPLC):</u>	99.17%





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

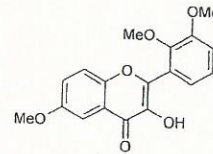
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

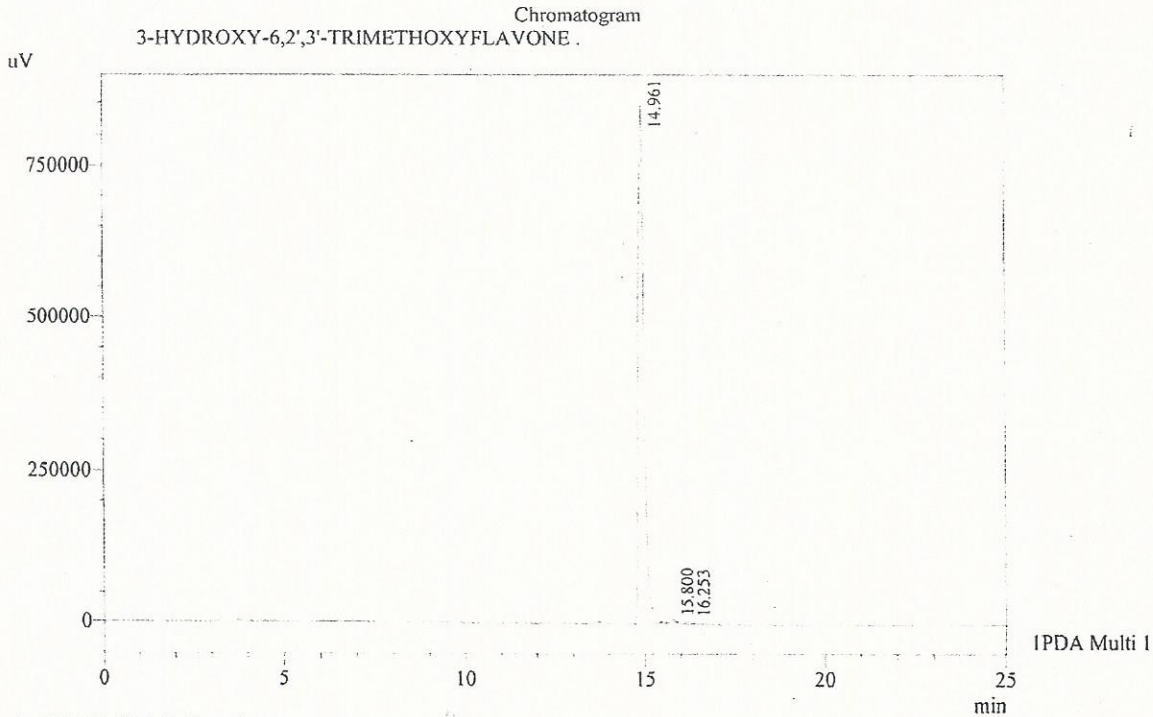
HPLC ANALYSIS

Acquired by : Admin
Sample Name : 3-HYDROXY-6,2',3'-TRIMETHOXYFLAVONE
Sample ID : Lot No: 98144
Injection Volume : 20 uL
Data Filename : 021015D.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: 22-215
Product Name: 3-Hydroxy-6,2',3'-trimethoxyflavone
Lot No.: 98144



Column : LUNA C-18, (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
25.0 90 10
Diluent : Acetonitrile



1 PDA Multi 1 / 240nm 4nm

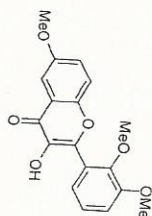
PeakTable

PDA Ch1 240nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	3-OH-6,2',3'-Triome flavoni	14.961	9554374	99.17	1.00
2	RT:15.800	15.800	47768	0.50	1.06
3	RT:16.253	16.253	32585	0.34	1.09
Total			9634727	100.00	



INDOFINE Chemical Company, Inc.
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

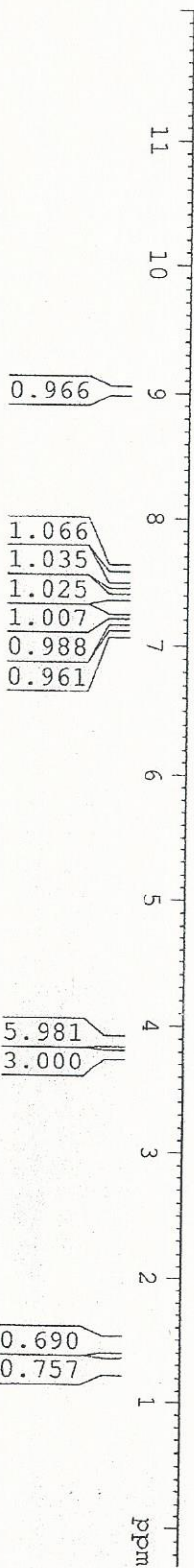


Catalog No.: 22-215
Product Name: 3-Hydroxy-6,2',3'-trimethoxyflavone
Lot No.: 98144

SOLVENT DMSO
NS 8
DS 0
SWH 11094.675 Hz
FIDRES 0.369847 Hz
AQ 1.3519598 sec
RG 28.5
DW 45.067 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

==== CHANNEL F1 =====
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 5.62584448 W
SFO1 600.3346850 MHz
SI 32.768
SF 600.3300123 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

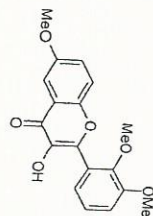
1H IN DMSO
AVANCE-600





INDOFINE Chemical Company, Inc.
 121 STRYKER LANE
 BLDG. 30, SUITE 1
 HILLSBOROUGH, NJ 08844

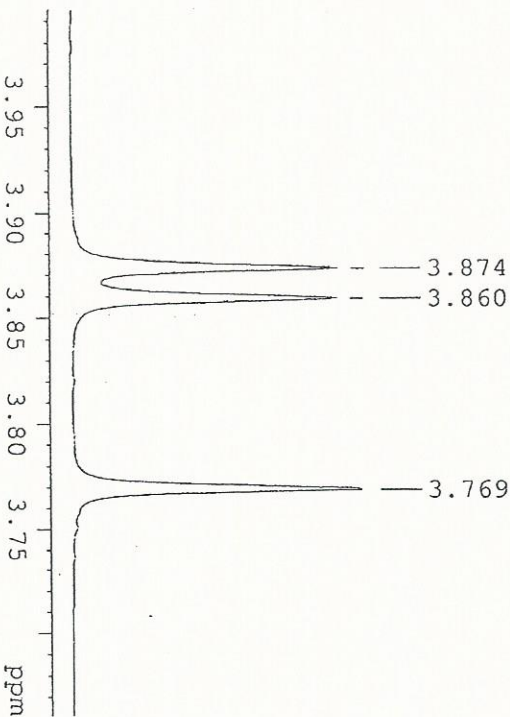
Catalog No.: 22-215
 Product Name: 3-Hydroxy-6,2',3'-trimethoxyflavone
 Lot No.: 98144



SOLVENT DMSO
 NS 8
 DS 0
 SMH 11094.675 Hz
 FIDRES 0.369847 Hz
 AQ 1.3519598 sec
 RG 28.5
 DM 45.067 usec
 DE 6.00 usec
 TE 288.3 K
 D1 1.5000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUCL1 1H
 P1 7.50 usec
 PL1 2.60 dB
 PL1W 6.62589448 W
 SFO1 600.3346850 MHz
 SI 32768
 SF 600.3300123 MHz
 MDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1H IN DMSO
 AVANCE-600



7.608
7.593
7.465
7.460
7.386
7.380
7.370
7.365
7.225
7.213
7.193
7.181
7.167
7.088
7.086
7.076
7.074

