



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

Catalog Number: D-266

Product Name: **7,2'-DIMETHOXYFLAVONE**

CAS No.: [62536-78-1]

Lot Number: 88024

Chemical Formula: C₁₇H₁₄O₄

Molecular Weight: 282.30

Melting Point: 176-178°C

Appearance: White Powder

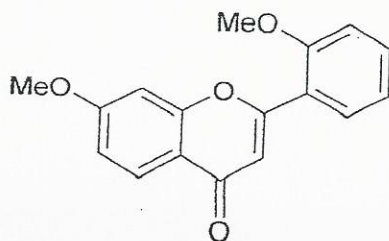
Solubility: Soluble in Chloroform

TLC: Hexane:Ethyl acetate (7:3)

NMR Spectrum: Enclosed (Confirms to the structure)

Storage: Store in cool, dry place

Purity(HPLC): 99.67%





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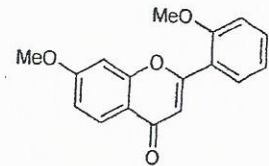
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HPLC ANALYSIS

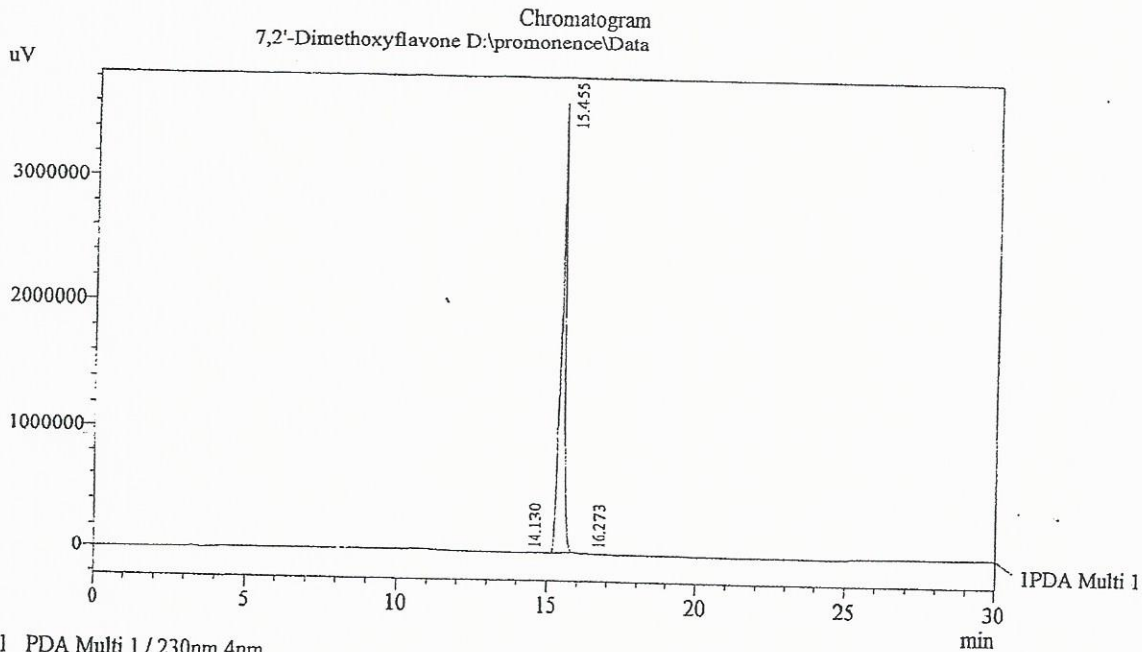
Acquired by : Sanjeev
Sample Name : 7,2'-Dimethoxyflavone
Sample ID : Lot No : 88024
Injection Volume : 20 uL
Data Filename : 100813E.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: D-266
Product Name: 7,2'-Dimethoxyflavone
Lot No.: 88024



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

Diluent : Mobile phase-A:Mobile phase-B(50:50)



1 PDA Multi 1 / 230nm 4nm

PeakTable

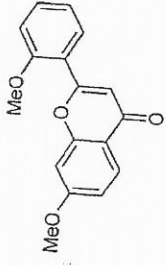
PDA Ch1 230nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:14.130	14.130	28852	0.08	0.91
2	7,2'-Dimethoxyflavone	15.455	35184339	99.67	1.00
3	RT:16.273	16.273	88760	0.25	1.05
Total			35301951	100.00	



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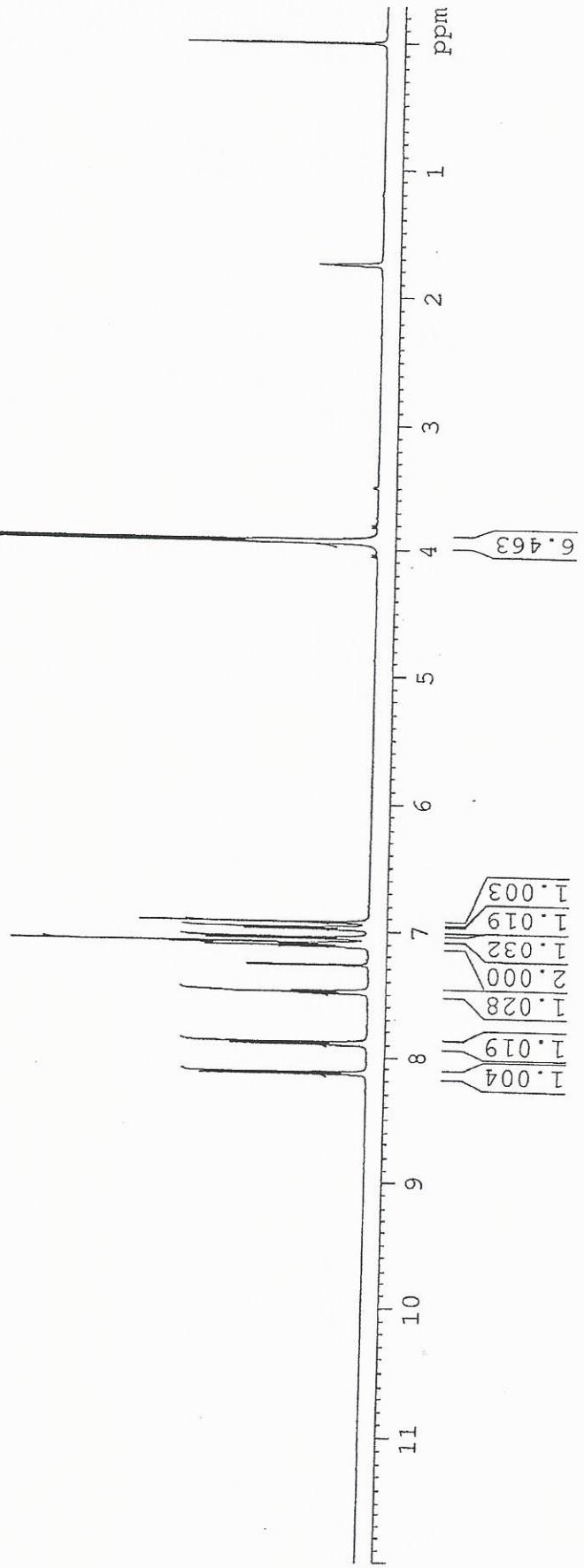
Catalog No.: D-266
 Product Name: 7,2'-Dimethoxyflavone
 Lot No.: 88024



SOLVENT CDC13
 NS 7
 DS 0
 SWH 9803.922 Hz
 FIDRES 0.326819 Hz
 AQ 1.5299480 sec
 RG 20.2
 DW 51.000 usec
 DE 6.00 usec
 TE 298.2 K
 D1 1.50000000 sec
 TD0 1

1H IN CDCL3
 AVANCE-600

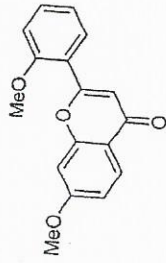
==== CHANNEL f1 =====
 NUC1 1H
 P1 7.50 usec
 PL1 2.60 dB
 PL1W 6.52584448 W
 SF01 600.3345228 MHz
 J1 32768
 SF 600.3300113 MHz
 PWDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00





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