



# 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](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## CERTIFICATE OF ANALYSIS

Catalog Number: 19-829

Product Name: **8-BROMO-6-CHLORO-2',5'-DIMETHOXYFLAVONE**

Lot Number: 0411269

Chemical Formula: C<sub>17</sub>H<sub>12</sub>BrClO<sub>4</sub>

Molecular Weight: 395.63

Melting Point: 188-189°C

Appearance: Yellow fluffy powder

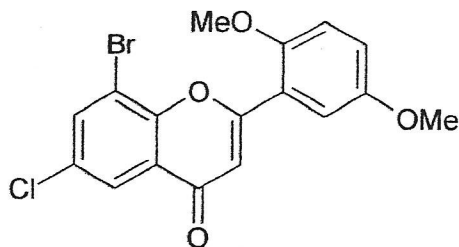
Solubility: Soluble in Chloroform

TLC: Hexane:Ethyl acetate (7:3)

NMR Spectrum: Enclosed (Confirms to the structure)

Storage: Cool dry place

Purity (HPLC): 99.88%





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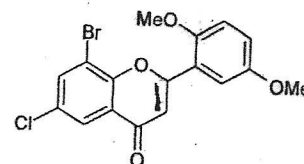
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## HPLC ANALYSIS

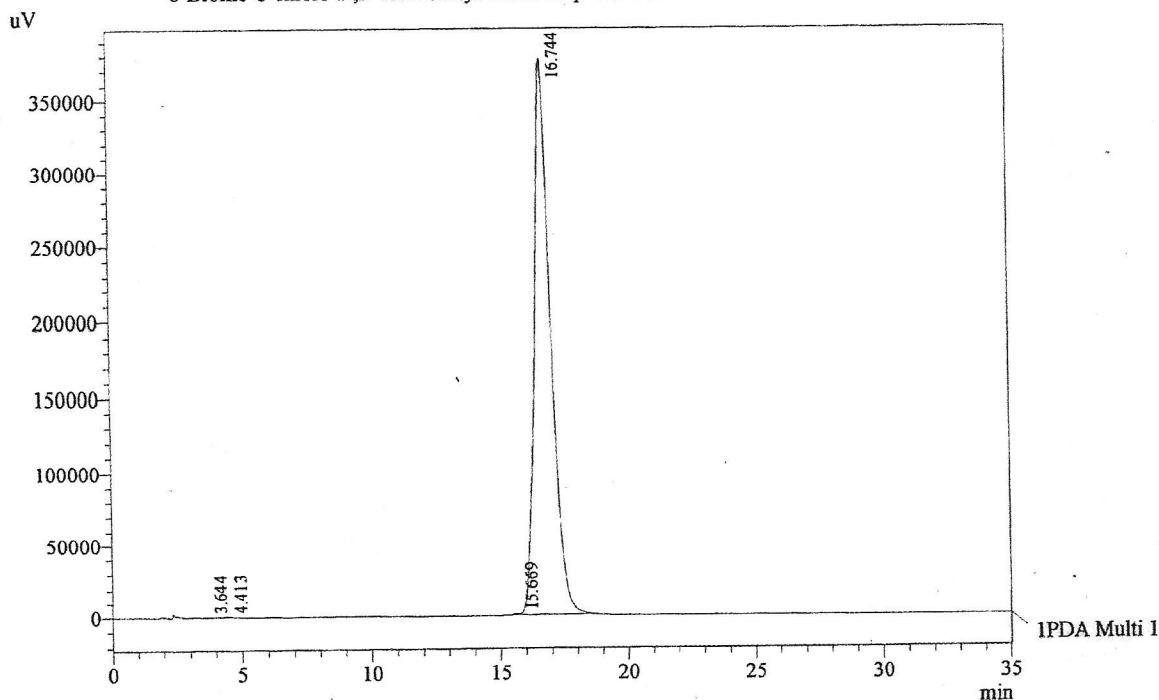
Acquired by : Sanjeev  
Sample Name : 8-Bromo-6-chloro-2',5'-dimethoxyflavone  
Sample ID : Lot No:0411269  
Injection Volume : 20 uL  
Data Filename : 300813M.lcd  
Method Filename : Linear Isocratic.M.lcm

Catalog No.: 19-829  
Product Name: 8-Bromo-6-chloro-2',5'-dimethoxyflavone  
Lot No.: 0411269



Column : LUNA C-18(2), (250mm x4.6mm 5.0μ)  
Flow : 1.000 mL/min.  
Mobile Phase : A(30% of 0.05% TFA in water) B(70% of Acetonitrile)

Chromatogram  
8-Bromo-6-chloro-2',5'-dimethoxyflavone D:\promonence\Data\2013\AUG-2013\300813M.lcd



1 PDA Multi 1 / 254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:3.644	3.644	2286	0.01	0.22
2	RT:4.413	4.413	5078	0.03	0.26
3	RT:15.669	15.669	13261	0.08	0.94
4	8-Br-6-Cl-2',5'-dimethoxyfla	16.744	16548956	99.88	1.00
Total			16569582	100.00	

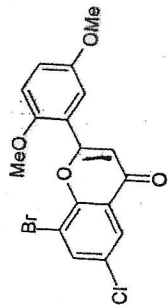


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Catalog No.: 19-829

Product Name: 8-Bromo-6-chloro-2',5'-  
 dimethoxyflavone

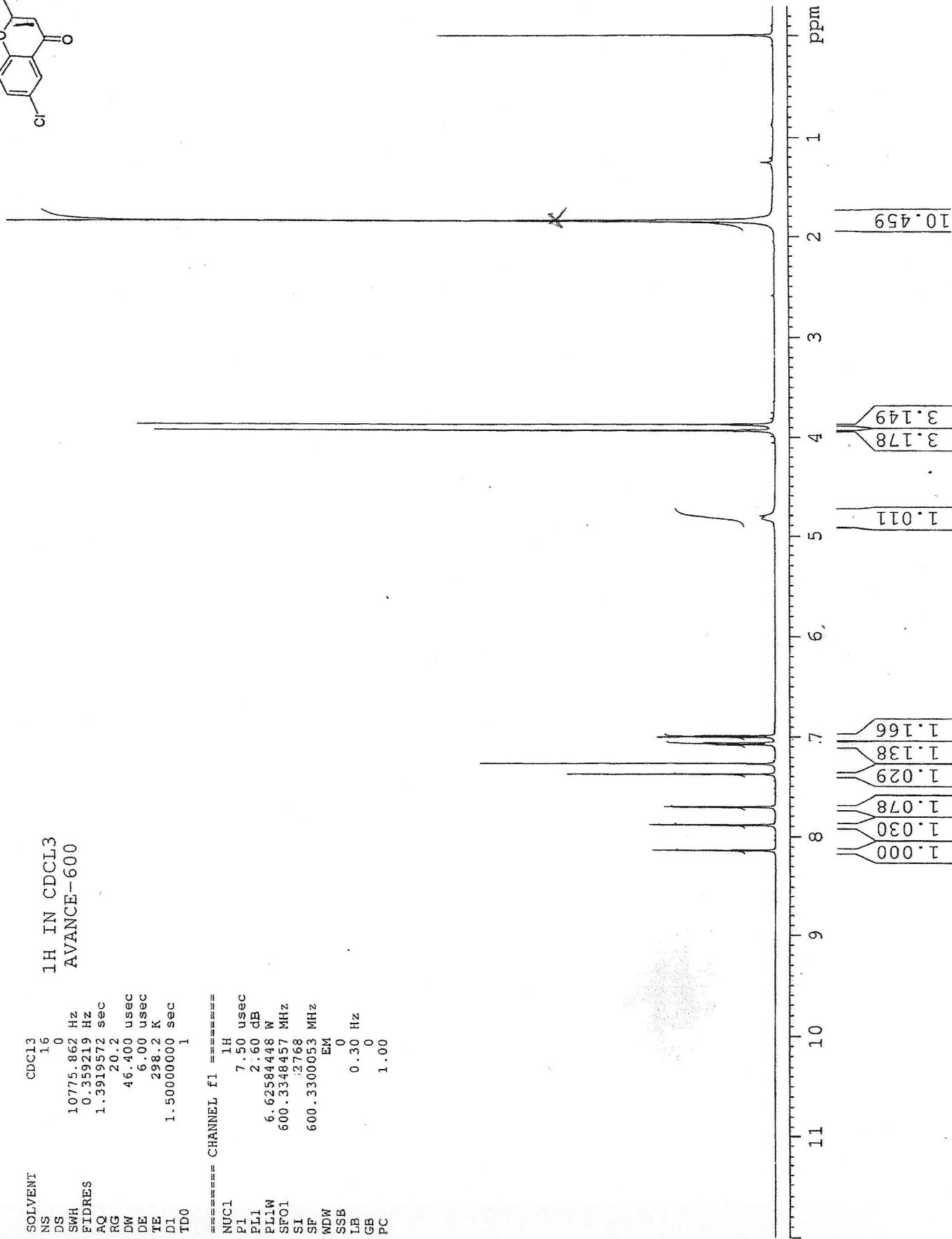
Lot No.: 0411269



SOLVENT CDCL3  
 NS 16  
 DS 0  
 SMH 10775.862 Hz  
 FIDRES 0.359219 Hz  
 AQ 1.3919572 sec  
 RG 20.2  
 DW 46.400 usec  
 DE 6.00 usec  
 TE 298.2 K  
 DI 1.50000000 sec  
 TD0 1

1H IN CDCL3  
 AVANCE-600

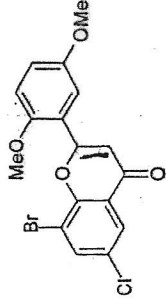
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 P1 7.50 usec  
 PL1 2.60 dB  
 P1L1 6.62584448 W  
 SF01 600.3348457 MHz  
 SI 12768  
 SF 600.3300053 MHz  
 WDW EM  
 SSB 0  
 LB 0.30 Hz  
 GB 0  
 PC 1.00





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1H IN CDCL3  
 AVANCE-600

SOLVENT CDC13  
 NS 16  
 DS 0  
 SWH 10775.862 Hz  
 FIDRES 0.359219 Hz  
 AQ 1.3919572 sec  
 RG 20.2  
 DW 46.400 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  
 PLLW 6.62584448 W  
 SFO1 600.3348457 MHz  
 S4 32768  
 SF 600.3300053 MHz  
 WDW EM  
 SSB 0  
 LB 0.30 Hz  
 GB 0  
 PC 1.00

