



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: 06-022N

Product Name: **NOBILETIN**
(3',4',5,6,7,8-Hexamethoxyflavone)

CAS Number: [478-01-3]

Lot Number: 1703771

Chemical Formula: C₂₁H₂₂O₈

Molecular Weight: 402.39

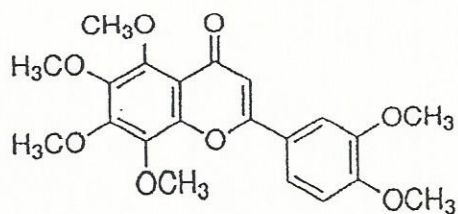
Appearance: White powder

Loss on drying: 0.35%

Solubility: Soluble in chloroform

Storage: Store in a cool, dry place. Protected from light and heat.

Purity(HPLC): 99.02%





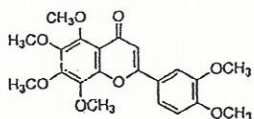
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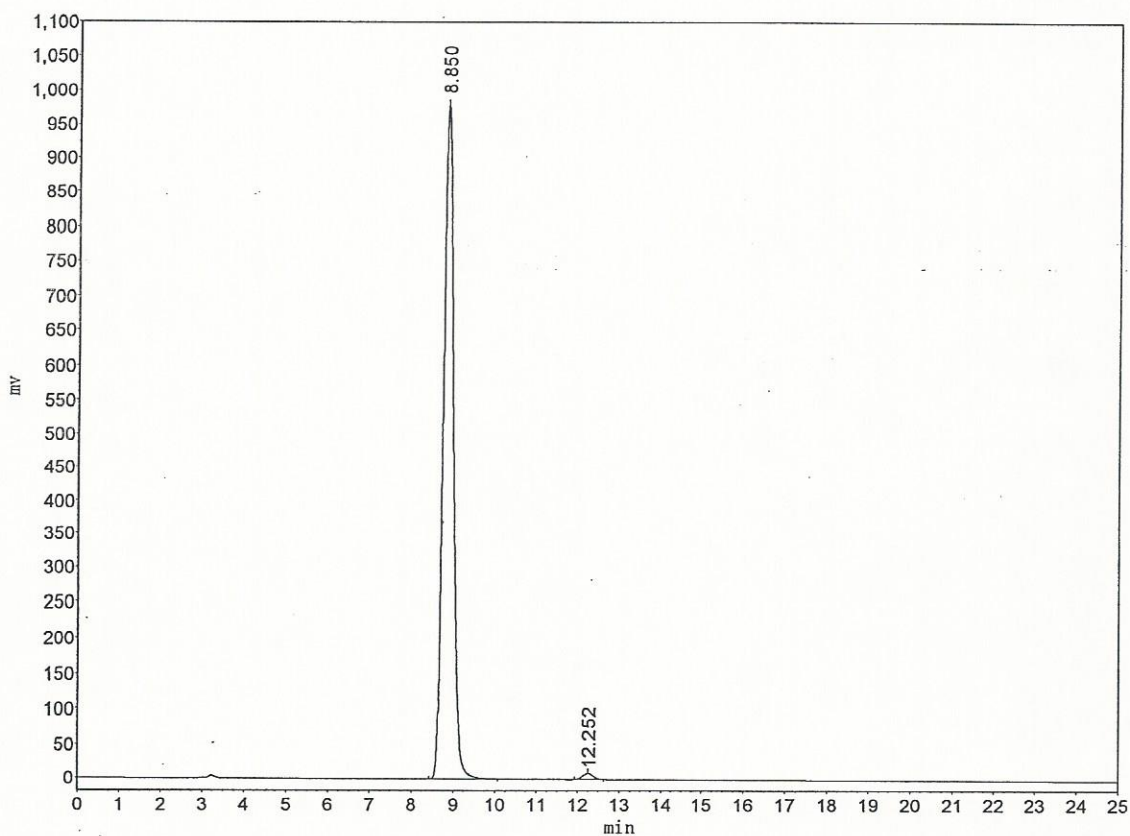
HPLC ANALYSIS

Mobile phase : MeOH - (0.03% H_3PO_4) Water 75:25
Flow rate : 0.8 ml/min
Wavelength : 330nm
Temperature : 25°C

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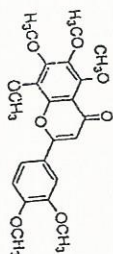


Peak Table

Peak#	RT	Height	Area	%Area
1	8.850	980311.000	16808668.000	99.0296
2	12.252	9276.385	164710.797	0.9704
		989587.385	16973378.797	100.0000



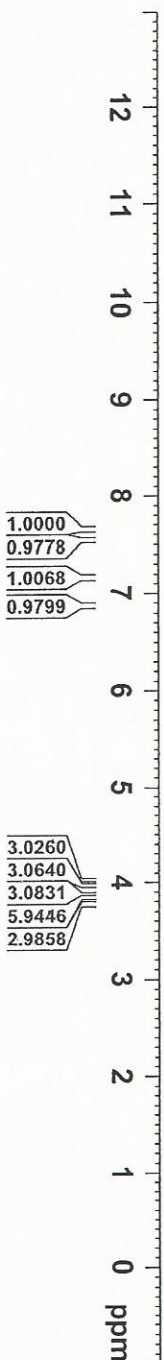
INDOFINE Chemical Company, Inc.
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844



7.672
7.667
7.651
7.645
7.555
7.550
7.180
7.159
6.881

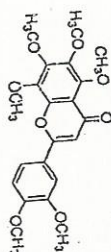
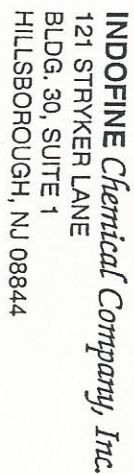
4.028
3.977
3.883
3.855
3.841
3.785
3.336

-0.000



Catalog No.: 06-022N
Product Name: Nobiletin
Lot No.: 1703771

Current Data Parameters
NAME NOBILETIN-H1-DMSO
EXPNO 10
PROCNO 1
F2 - Acquisition Parameters
Date_ 20170306
Time_ 12:14
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 4
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846187 sec
RG 197.41
RG 60.800 usec
DM 28.00 usec
DE 28.00 usec
DI 1.00000000 sec
TD0 1
***** CHANNEL f1 *****
NUC1 1H
P1 12.80 usec
PL1 15.844598 Hz
SFO1 400.1612013 MHz
F2 - Processing parameters
SI 65536
SF 400.160006 MHz
SDM 64
SSB 0
EN 0
GB 0
PC 1.00



Catalog No.: 06-022N
Product Name: Nobiletin
Lot No.: 1703771



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Current Data Parameters
NAME      :NOBLETTIN-H1-DM50
EXPNO     :10
PROCNO    :1

F2 - Acquisition Parameters
Date_     :20170306
Time      :21.43
INSTRUM   :spect
PROBHD    :5 mm BBOBO BB/
PULPROG   :zgpg30
TD         :65536
SOLVENT   :DMSO
NS         :16
DS         :2
SWH        :8323.685 Hz
FIDRES     :0.135483 Hz
AQ         :3.1986387 sec
RG          :40.401
DM          :8.00 usec
DE         :8.00 usec
TE         :294.6 K
D1         :1.00000900 sec
TDO        :1

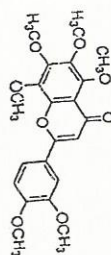
===== CHANNEL f1 =====
NUC1       :1H
P1         :12.80 usec
PL1        :15.84899998 W
SFO1       :400.1620313 MHz

F2 - Processing parameters
SI         :32768
SF          :400.165000 MHz
WDW         :EM
SSB         :0
GB          :0
CB          :0
PC          :1.00

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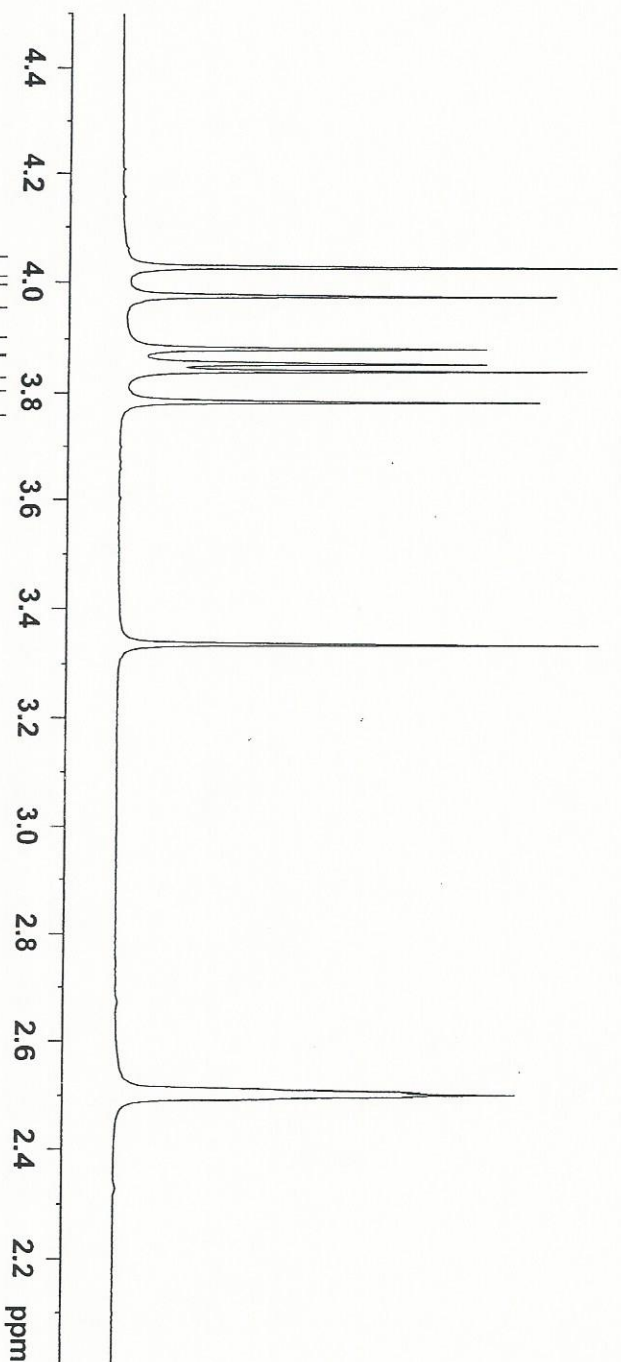


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4.028
3.977
3.883
3.855
3.841
3.785

3.336

2.508
2.504
2.500



3.0260
3.0640
3.0831
5.9446
2.9858



Current Data Parameters
NAME NOBILITIN-HI-DMSO
EXPNO 10
PROCNO 1
F2 - Acquisition Parameters
Date_ 20170306
Time 11:43
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 16
SWH 8221.665 Hz
FIDRES 0.125463 Hz
AQ 3.9846387 sec
RG 197.41
DM 60.800 ussec
DE 284.6 K
TE 1.00000000 sec
TD0 1
***** CHANNEL f1 *****
NUC1 13C
P1 12.00 ussec
PL1 15.8489998 W
SFO1 400.1632013 MHz
F2 - Processing parameters
SI 65536
SF 400.160006 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00