



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.: 19-255

Product: 5-ALLYLOXYPSORALEN

Lot Number: 000458

Chemical Formula: C₁₄H₁₀O₄

Molecular Weight: 242.23

Melting Point: 131-136°C

Appearance: White powder

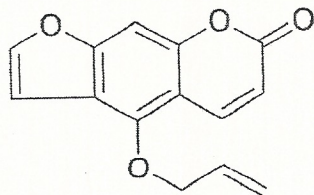
TLC: Hexane: Ethyl acetate (8:2)

Solubility: Soluble in Chloroform

NMR Spectrum: Enclosed

Purity:(HPLC) 94.79%

Storage: Store at +4°C





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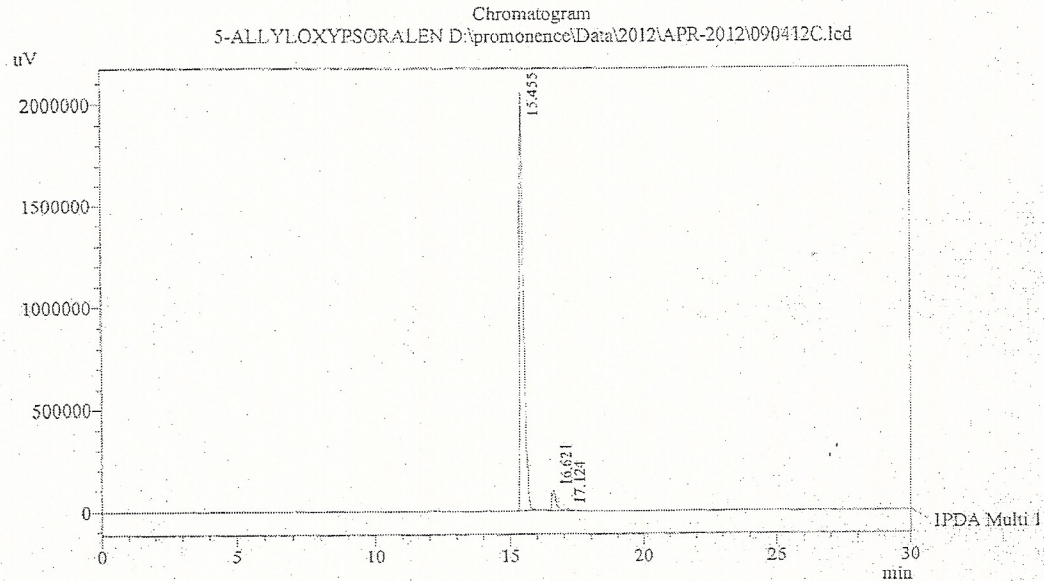
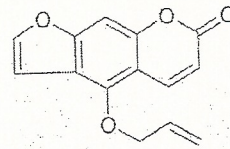
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HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 5-ALLYLOXYPYSORALEN
Sample ID : Lot No:-000458
Injection Volume : 20 uL
Data Filename : 090412C.lcd
Method Filename : Linear Gradient.M1cm

Catalog no.: 19-255
Product name: 5-Allyloxypсорalen
Lot No.: 000458

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



PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:15.455	15.455	19729600	94.79	1.00
2	RT:16.621	16.621	985545	4.74	1.08
3	RT:17.124	17.124	98299	0.47	1.11
Total			20813444	100.00	



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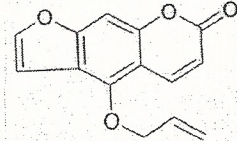
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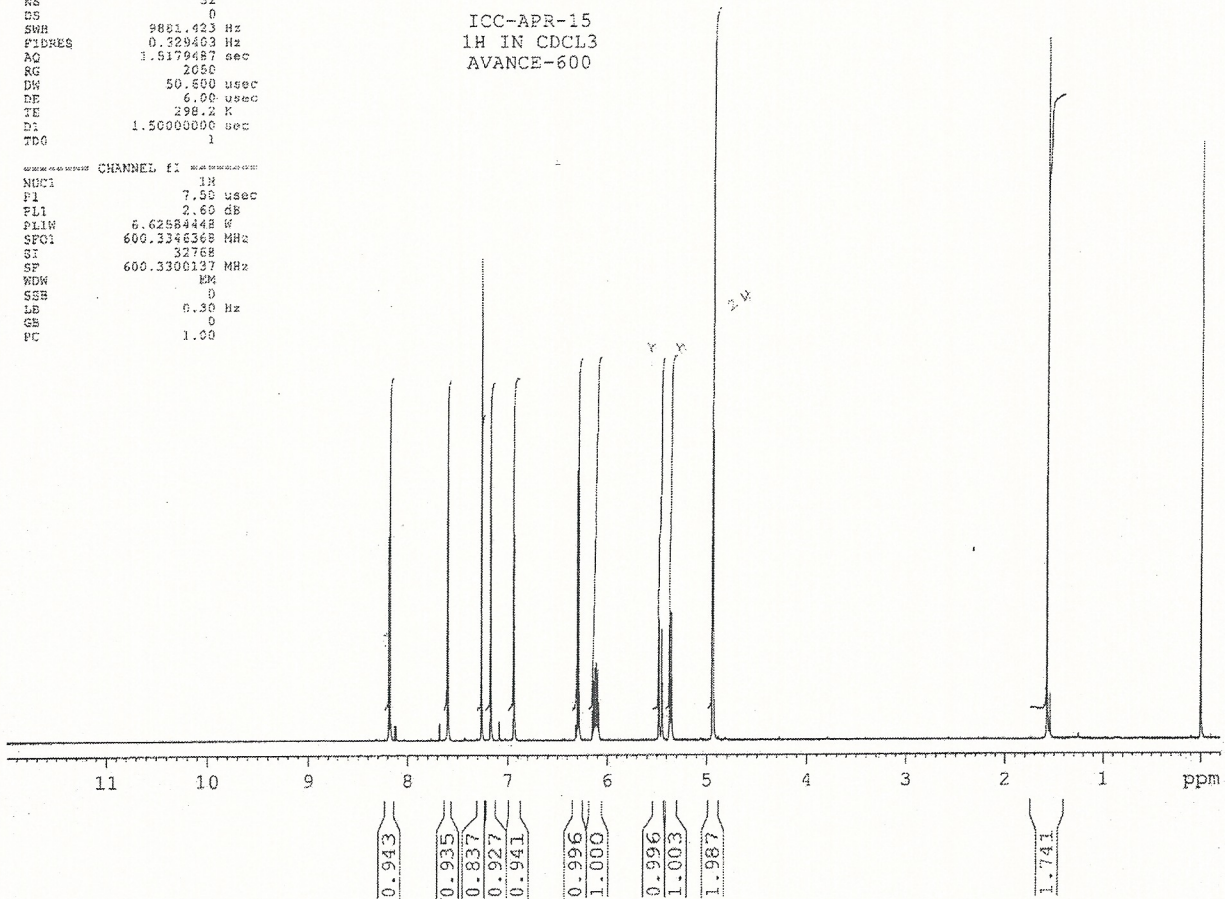
Catalog no.: 19-255
Product name: 5-Allyloxypsoralen
Lot No.: 000458



SOLVENT CDCl₃
NS 32
SS 0
SWH 9881.423 Hz
FIDRES 0.329403 Hz
AQ 1.5179487 sec
RG 2050
DH 50.890 usec
DE 6.00 usec
TE 298.2 K
D1 1.5000000 usec
TEG 1

ICC-APR-15
1H IN CDCl₃
AVANCE-600

CHANNEL F1
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PLIN 6.62584448 W
SFO1 600.3346368 MHz
SI 32768
SF 600.3300137 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





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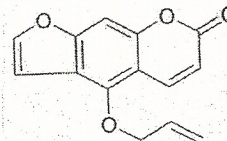
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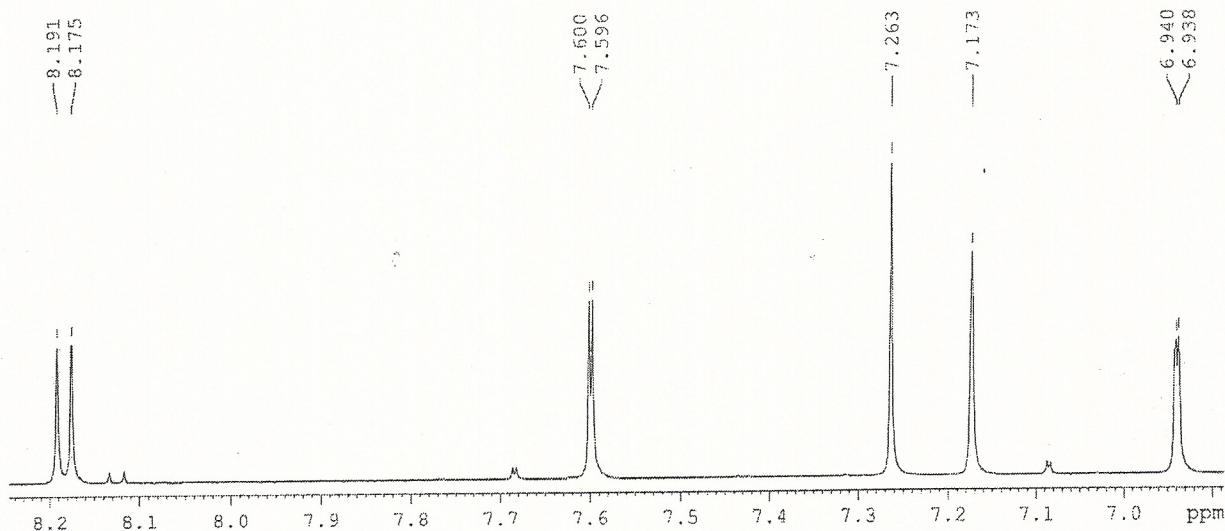
Catalog no.: 19-255
Product name: 5-Allyloxypsoralen
Lot No.: 000458



SOLVENT CDC13
NS 32
DS 0
SWH 9881.423 Hz
FIDRES 0.329402 Hz
AQ 1.5178497 sec
RG 2055
DW 50.600 usec
DE 6.00 usec
TE 298.2 K
D1 1.5000000 sec
TD0 1

ICC-APR-15
1H IN CDCL3
AVANCE-600

CHANNEL f1
NUC1 1H
P1 7.50 usec
PL1 2.00 dB
PLAW 6.62584448 W
SFO1 600.3346366 MHz
SI 32768
SF 600.3300137 MHz
WDW EK
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





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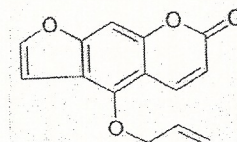
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SOLVENT CDCL3
NS 32
DS 0
SMH 9881.423 Hz
FIDRES 0.329403 Hz
AQ 1.5179487 sec
RG 2050
DW 50.600 usec
DE 6.00 usec
TE 298.2 K
DI 1.5000000 sec
TDC 1

ICC-APR-15
1H IN CDCL3
AVANCE-600

CHANNEL f1
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62584448 W
SFO1 600.3346366 MHz
SI 32766
SF 600.3300137 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

