

ICG **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.: 15-006

Product: 7-HYDROXY-4-TRIFLUOROMETHYLCOUMARIN

CAS Number: [575-03-1]

Lot Number: 1011085

Appearance: White powder

Chemical Formula: C₁₀H₅F₃O₃

Molecular Weight: 230.14

Melting Point: 186-188°C

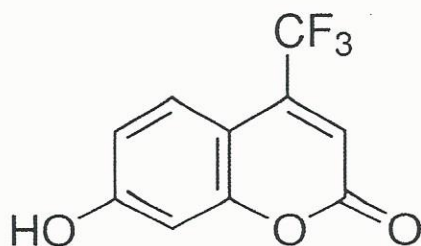
TLC: Hexane:Ethyl acetate (8:2)

Solubility(50 mg./ml): Soluble in Acetone

Storage: Cool dry place

Moisture (KF): 0.33%

Assay (HPLC): 99.84%





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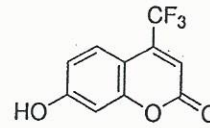
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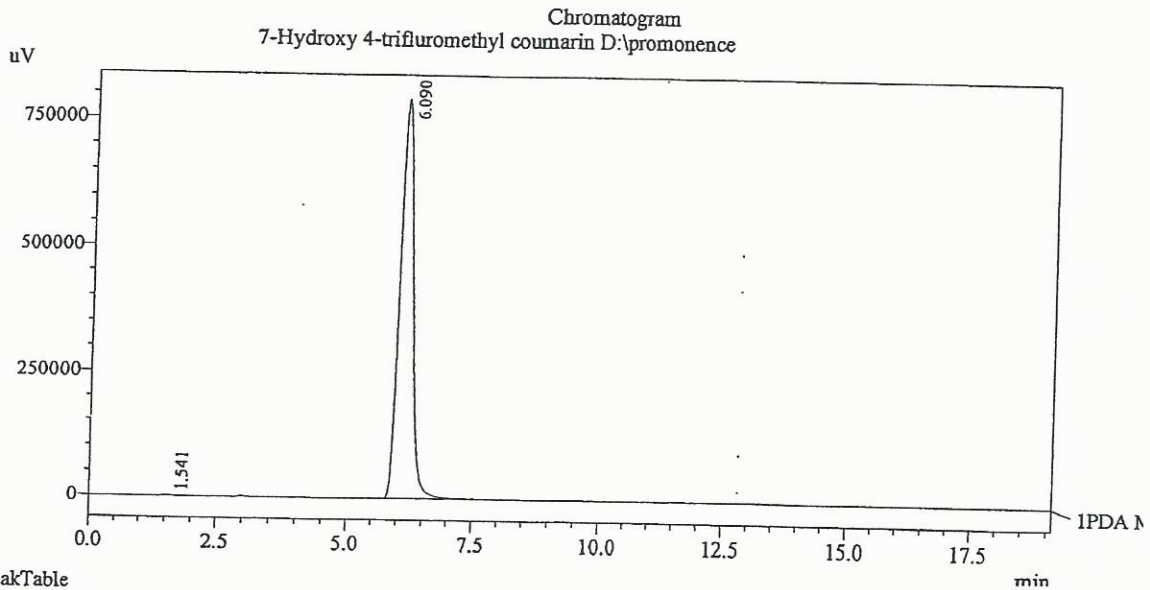
HPLC ANALYSIS

Cat. No.: 15-006
Product: 7-Hydroxy-4-trifluoromethylcoumarin
Lot No.: 1011085

Acquired by : Madhuri
Sample Name : 7-Hydroxy 4-trifluoromethyl coumarin
Sample ID :
Injection Volume : 20 uL
Data Filename : 031110E.lcd
Method Filename : Linear Isocratic.M.lcm



Description:
Column : Inertsil C-18, 250X4.6mm 5.0µm
Flow : 1.500ML/min.
Mobile Phase : A(50% of Water) B(50% ACN)



PeakTable
PDA Ch1 212nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	1.541	21769	1996	0.151
2	6.090	14418105	794345	99.849
Total		14439874	796340	100.000



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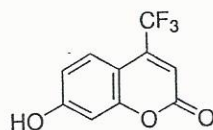
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7-Hydroxy-4-trifluoro
methyl coumarin
(CDCl₃+DMSO d₆)

