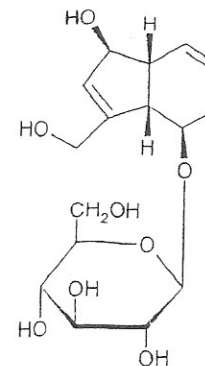




INDOFINE Chemical Company, Inc.

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Hillsborough, NJ 08844 USA
Phone: (908) 359-6778; Fax: (908) 359-1179



HPLC

Batch: 20

AUCUBIN

020227S

IDENTIFICATION

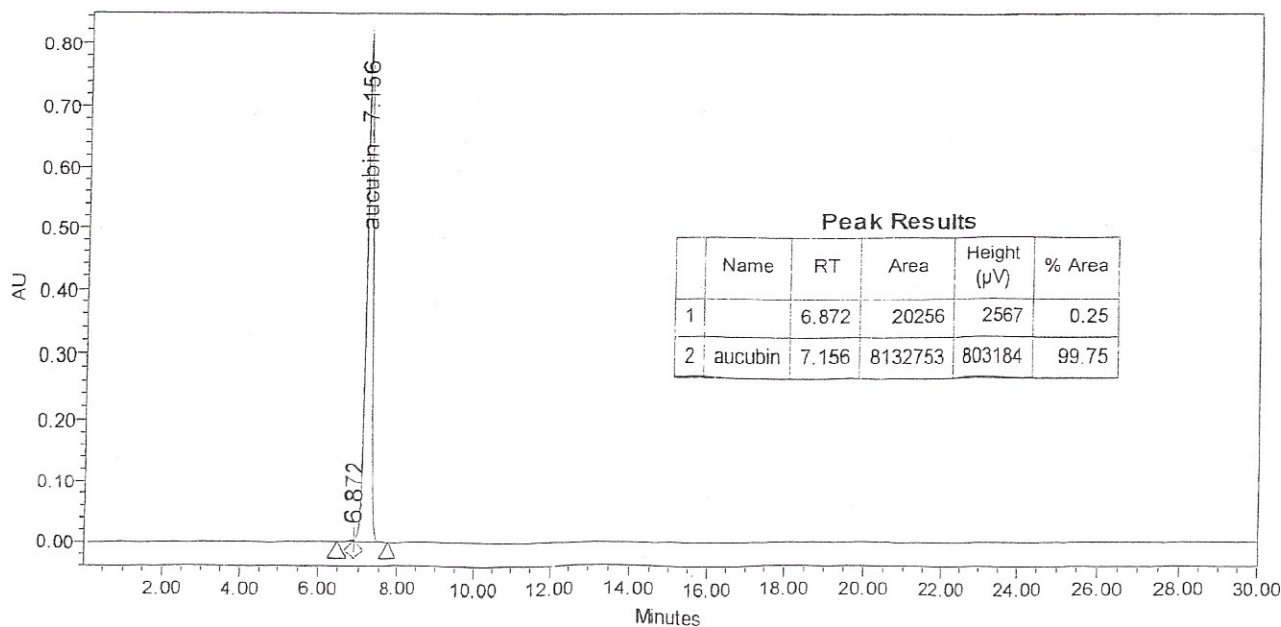
CAS number	[479-98-1]
Chemical family	Iridoids
Molecular formula	C ₁₅ H ₂₂ O ₉
Molecular weight	346.34

CERTIFICATE OF ANALYSIS

Appearance	White powder
Melting point	181-182°C
Moisture	0.4 %
Residual solvent	0.6 %
[α] _D	-170° (c=0.7 in water)
Thin layer chromatography	support Silicagel solvent Ethyl acetate/methanol/water (100/25/10, V/V/V) detection p-Anisaldehyde/acetic acid/sulfuric acid (1/40/1, V/V/V) 10mn at 110°C
Storage	Store at room temperature in a dry and dark place. Place in a desiccator under vacuum for 48 hours before use

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5 μm
Solvent	Water / Acetonitrile (97/3, V/V)
Flow rate	1 ml/min
Detector	UV visible 204 nm
Sample solvent	Water



The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.