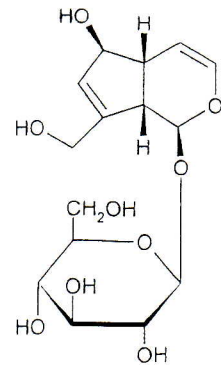




INDOFINE Chemical Company, Inc.

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Phone: (908) 359-6778; Fax: (908) 359-1179



HPLC **Batch: 20**

AUCUBIN **020227S**

IDENTIFICATION

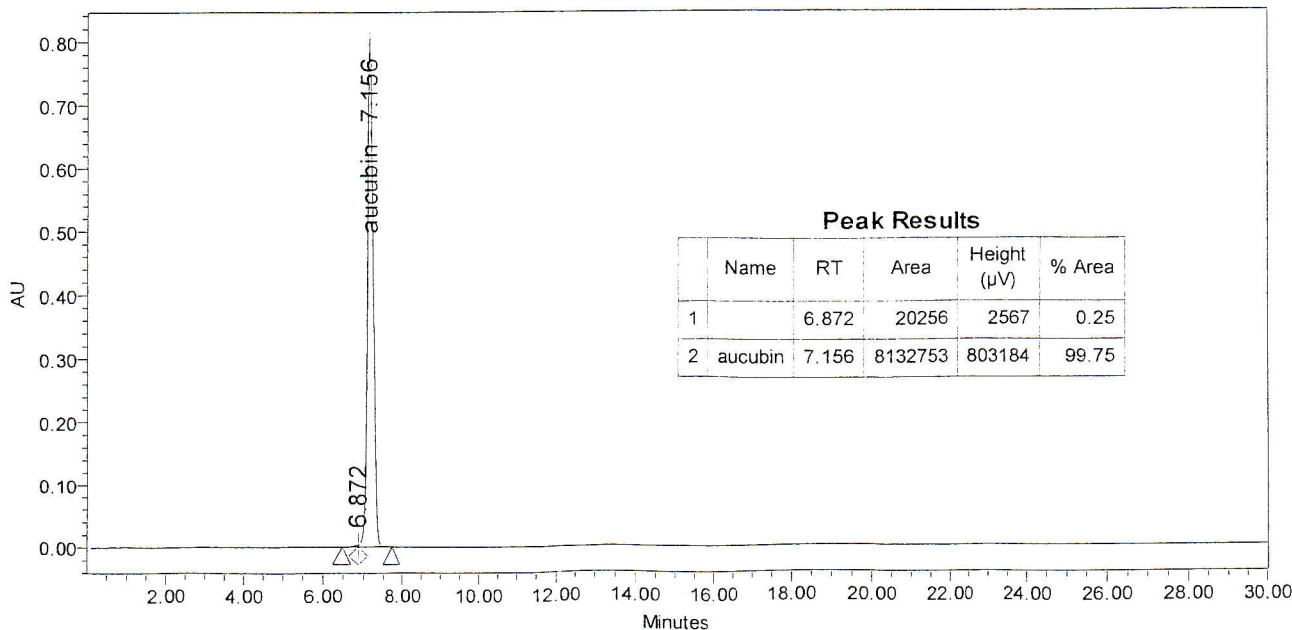
CAS number [479-98-1]
Chemical family Iridoids
Molecular formula C₁₅H₂₂O₉
Molecular weight 346.34

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



Assay by an HPLC method
Date of last QC-recheck : May 2009
Date of retest : May 2011

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