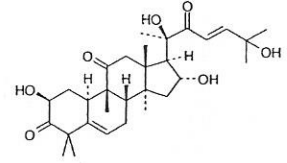




# INDOFINE Chemical Company, Inc.

121 Stryker Lane, Building 30  
Hillsborough, NJ 08844 USA  
Phone: (908) 359-6778; Fax: (908) 359-1179



## HPLC

## Lot No.: 15012802

# CUCURBITACIN D

# 020023S

### IDENTIFICATION

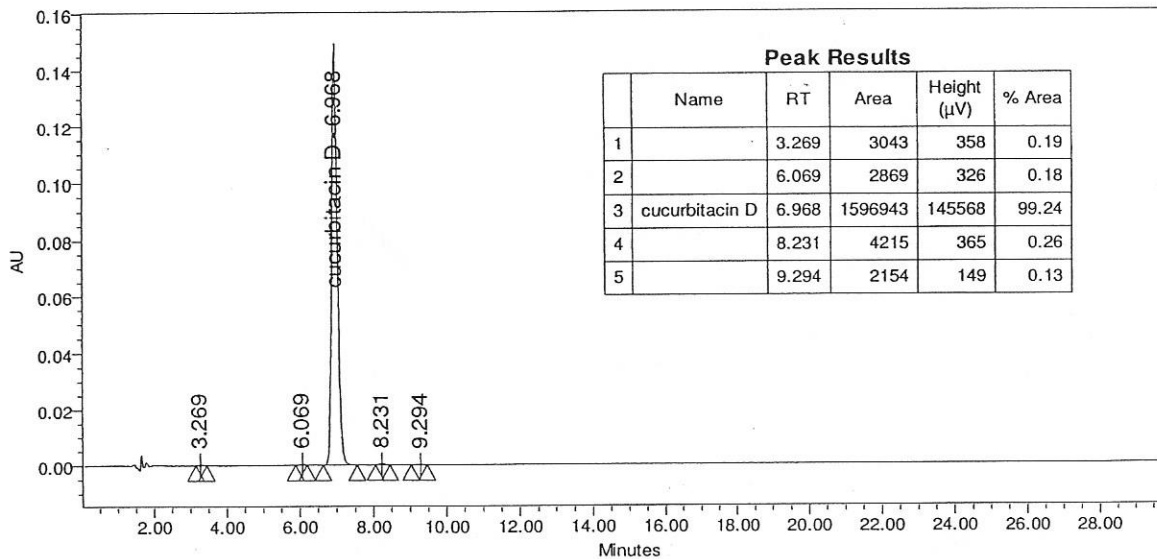
CAS number	[3877-86-9]
Chemical family	Triterpenoids
Chemical names	Elatericin A
Molecular formula	C <sub>30</sub> H <sub>44</sub> O <sub>7</sub>
Molecular weight	516.68

### CERTIFICATE OF ANALYSIS

Appearance	White powder
[α] <sub>D</sub>	+53° (c=0.5 in ethanol)
Absorption maxima	230 nm in ethanol
Moisture	2.0%
Residual solvents	1.8%
Thin layer chromatography	support Silicagel solvent Toluene / Ethyl formate / Formic acid (5/4/1, V/V/V) detection p-anisaldehyde/acetic acid/sulfuric acid (1/40/1, V/V/V) then heating at 110°C 10 mn
Storage	<b>Toxic.</b> Store at room temperature in a dry and dark place. Place in a desiccator under vacuum before use.

### HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5 μm
Solvent	Water / Methanol / Acetonitrile (50/30/20, V/V/V)
Flow rate	1 ml/mn
Detector	UV visible 235 nm
Sample solvent	Ethanol



Assay by an HPLC method.

Date of last QC-recheck	May 2013
Date of retest	May 2017

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