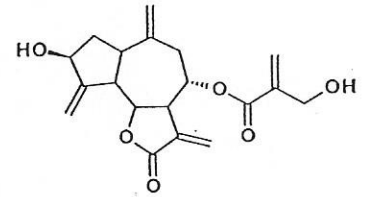




# INDOFINE Chemical Company, Inc.

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## HPLC

## Lot No.: 15031602

# CYNAROPICRIN

# 023808S

### IDENTIFICATION

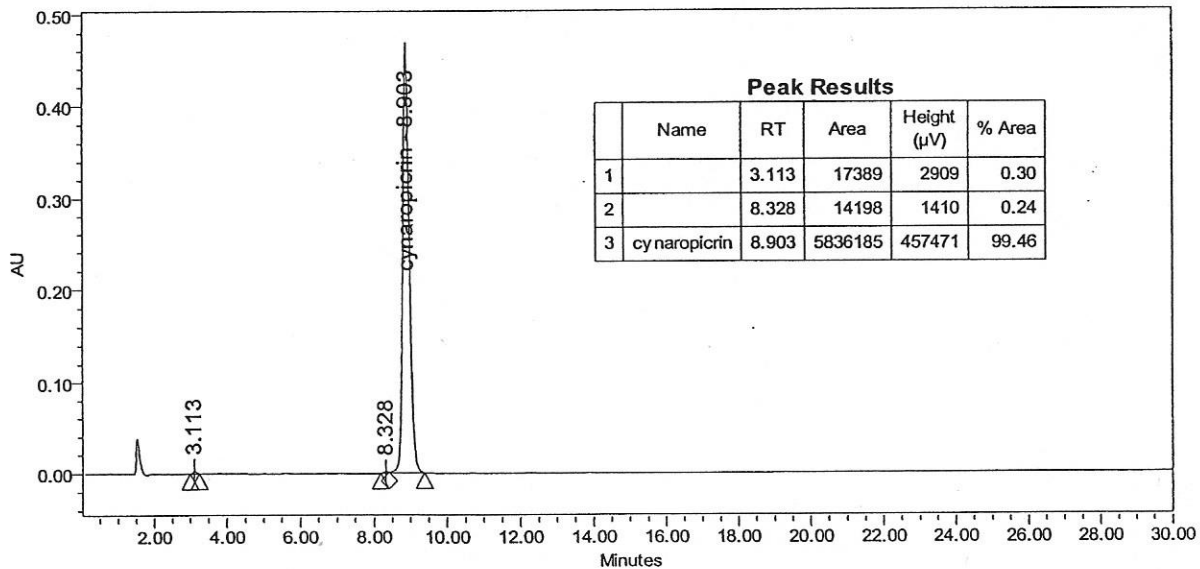
CAS number	[35730-78-0]
Chemical family	Sesquiterpenoids
Molecular formula	C <sub>19</sub> H <sub>22</sub> O <sub>6</sub>
Molecular weight	346.38

### CERTIFICATE OF ANALYSIS

Appearance	White powder
Thin layer chromatography	support Silicagel solvent Ethylacetate / methanol / water (80/10/10, V/V/V) detection p-Anisaldehyde/acetic acid/sulfuric acid (1/40/1:V/V/V) then heating 10 mn at 110°C
Moisture	1.2 %
Residual solvents	< 0.5%
[α] <sub>D</sub>	+137° c=0.2 in methanol
Storage	This product is stable at +2/8°C in a dry and dark place for several weeks. However, optimum long-term storage may require lower temperature (<-18°C) Place in a desiccator under vacuum before use

### HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Nova pak C18® (3.9 x 150 mm), particle size 4 μm
Solvent	Water / Acetonitrile (76/24, V/V)
Flow rate	1ml/mn
Detector	UV visible 200 nm
Sample solvent	Methanol



Assay by an HPLC method.

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