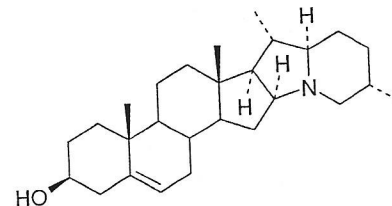




# INDOFINE Chemical Company, Inc.

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## HPLC

## Lot No.: 14030605

# SOLANIDINE

# 020681S

### IDENTIFICATION

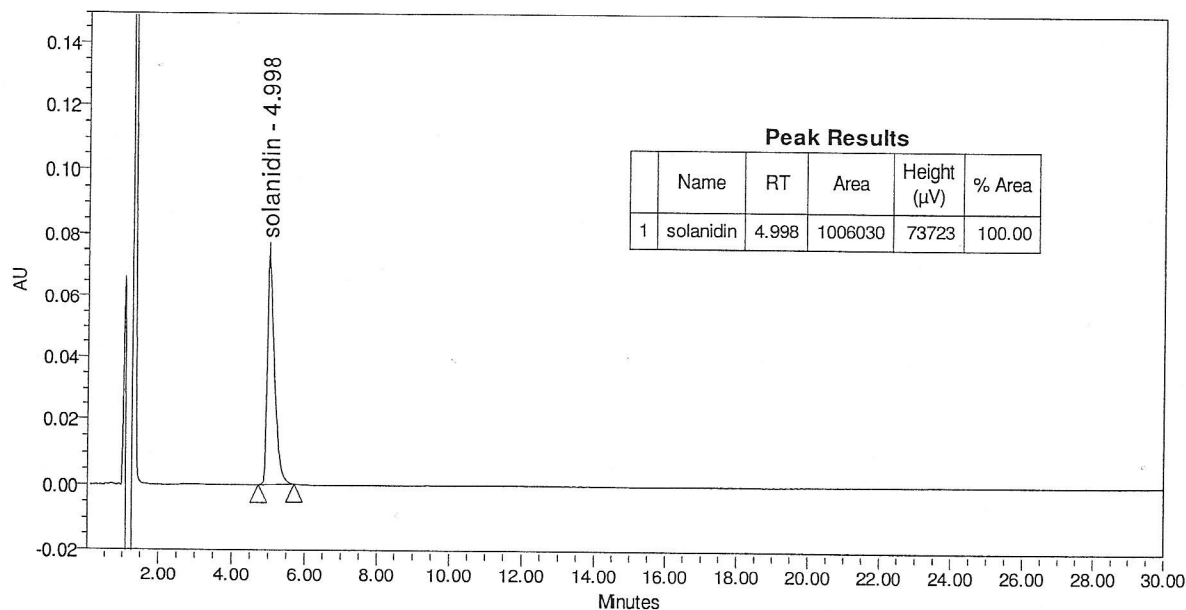
CAS number [80-78-4]  
Chemical family Alkaloids  
Synonym Solatubine  
Molecular formula  $C_{27}H_{43}NO$   
Molecular weight 397.65

### CERTIFICATE OF ANALYSIS

Appearance White powder  
Melting point 214-216°C  
Thin layer chromatography support Silicagel  
solvent Methylene chloride/methanol/ $NH_4OH$  (98/2/1, V/V/V)  
detection Draggendorf  
Residual solvent <0.5%  
Moisture 0.6 %  
Storage **Toxic.** Store at room temperature in a dry and dark place.  
Place in a desiccator under vacuum before use.

### HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column Nova pak C18® rad pak (3.9 x 150 mm), particle size 4 µm  
Solvent Tampon 0.1M monobasic ammonium phosphate pH3.5 / Acetonitrile (65/35, V/V)  
Flow rate 1 ml/min  
Detector UV visible 200 nm  
Sample solvent Ethanol



Assay by an HPLC method

Date of last QC-recheck November 2012

Date of retest November 2016

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