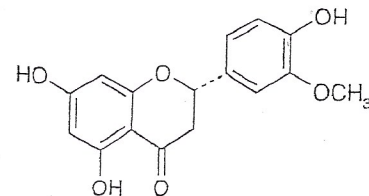




**INDOFINE Chemical Company, Inc.**

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**HPLC**

**Batch: 02**

**(-)-HOMOERIODICTYOL**

**021283S**

**IDENTIFICATION**

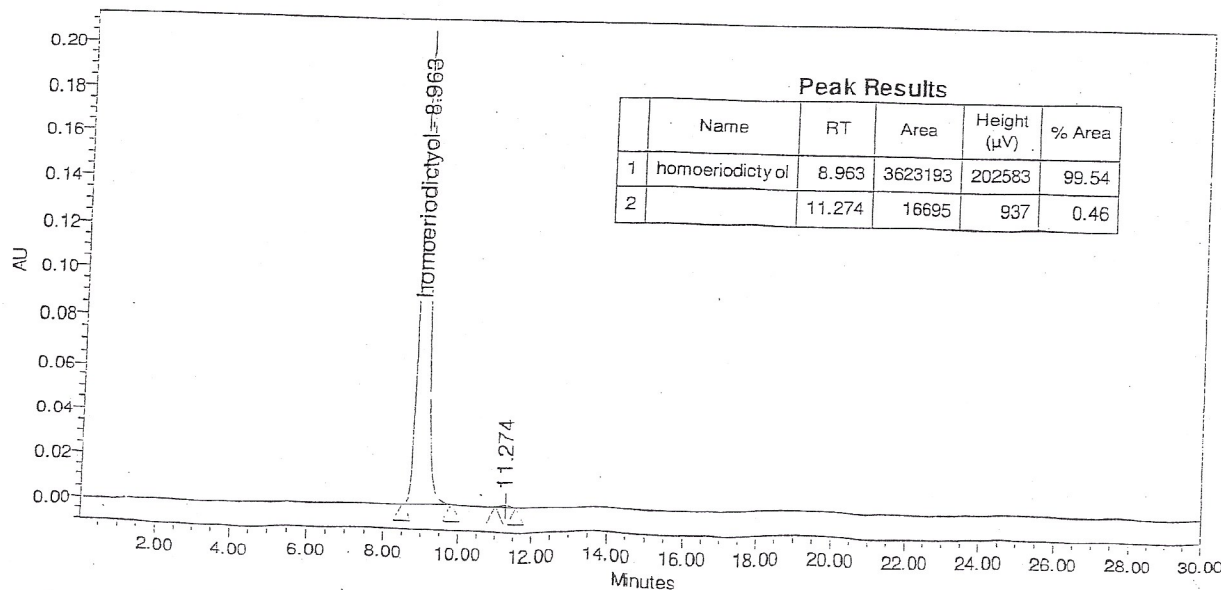
CAS number	[446-71-9]
Chemical family	Flavonoids
Synonym	Eriodictyonone, 4',5,7-Trihydroxy-3'-methoxyflavanone
Molecular formula	C <sub>16</sub> H <sub>14</sub> O <sub>6</sub>
Molecular weight	302.29

**CERTIFICATE OF ANALYSIS**

Appearance	Slightly yellow powder
Melting point	225-226°C
Absorption maxima	229sh, 289, 335sh nm in ethanol
[α] <sub>D</sub>	-(16±1)°
Thin layer chromatography	support Silicagel
	solvent Toluene/ethyl formate/formic acid (5/4/1, V/V/V)
	detection U.V
Moisture	0.7%
Residual solvent	0.5%
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	Nova pak C18@ (3.9 x 150 mm), particle size 4 μm
Solvent	Water + 5% acetic acid/methanol/acetonitrile (65/25/10, V/V/V)
Flow rate	1 ml/min
Detector	UV visible 295 nm
Sample solvent	Ethanol



Assay by an HPLC method.

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