INDOFINE Chemical Company, Inc.
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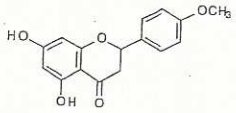


HPLC Lot No.: 12030707

ISOSAKURANETIN 021122S

IDENTIFICATION

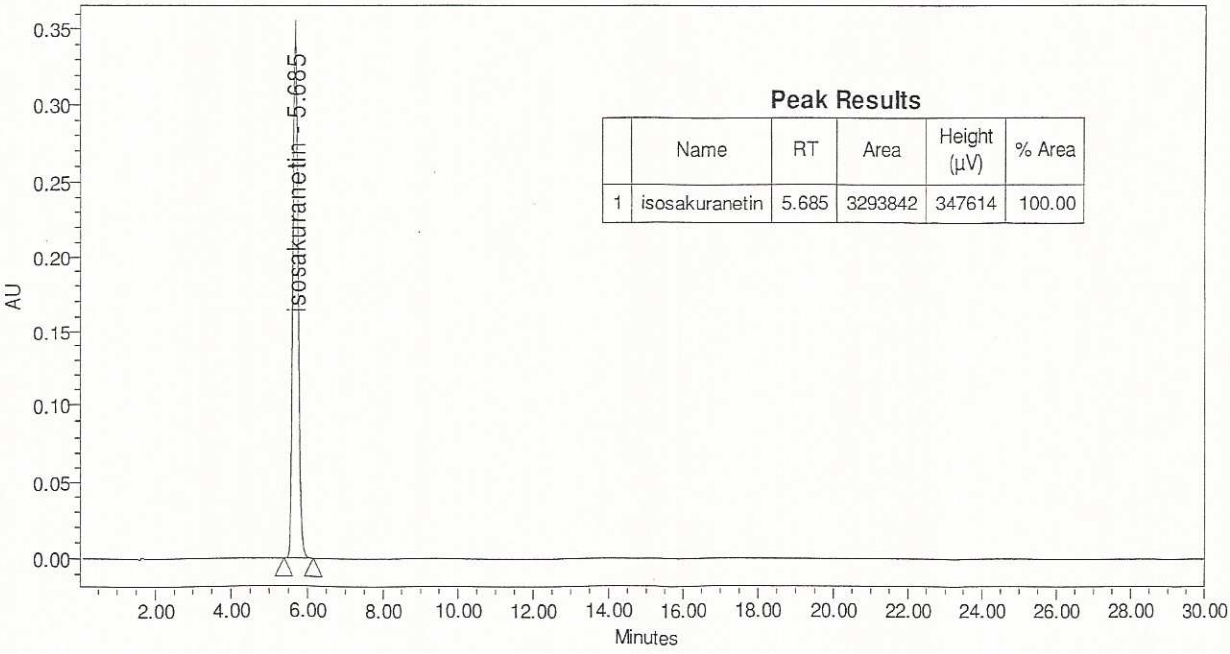
CAS number	[480-43-3]
Chemical family	Flavonoids
Synonym	5,7-Dihydroxy-4'-methoxyflavanone
molecular formula	$C_{16}H_{14}O_5$
Molecular weight	286.29

CERTIFICATE OF ANALYSIS

Appearance	Whitish powder	
Melting point	196-197°C	
Moisture	<0.5 %	
Residual solvents	<0.5 %	
Thin layer chromatography	support	Silicagel
	solvent	Toluene/ethyl formate/formic acid, (5/4/1 , V/V/V)
	detection	U.V.
Absorption maxima	291, 331sh nm in ethanol	
Storage	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 + 5% acetic acid / Methanol (30/70, V/V)
Flow rate	1 ml/mn
Detector	UV visible 290 nm
Sample solvent	Ethanol



Peak Results

	Name	RT	Area	Height (µV)	% Area
1	isosakuranetin	5.685	3293842	347614	100.00

Assay by an HPLC method.
Date of last QC-recheck : *January 2012*
Date of retest: *January 2016*

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