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CERTIFICATE OF ANALYSIS

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1. Identification

CAS Number:

24198-97-8

Catalogue Number:

T010000

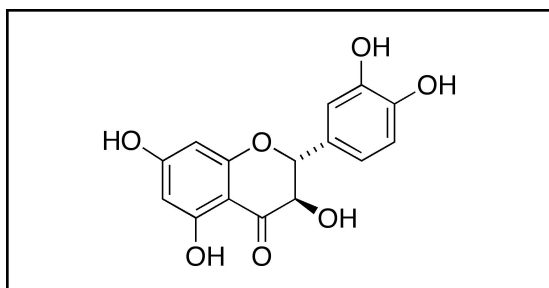
Product:

(+/-)-trans Taxifolin

Synonyms:

Dihydroquercetin; 3,3',4',5,7-Pentahydroxyflavanone

Structure:



Molecular Formula:

C₁₅H₁₂O₇

Molecular Weight:

304.25

Source of Product:

2. Analytical Information

Lot Number:

2-JTN-116-1

Melting Point:

222 - 226°C (dec.)

Boiling Point:

N/A

Atmosphere:

Air

Appearance of Product:

Pale Green-Yellow Solid

Solubility

DMSO, Methanol

Method for Determining Identity:

¹H NMR (CD₃OD, DMSO-d₆) and MS

Stability

Not Determined

Purity:

96%

Long Term Storage Condition:

-20°C Freezer

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Ethyl Acetate = 1 : 1; Visualized with UV and AMCS; R_f = 0.50.

¹H NMR and MS conform to structure.

Philip Chan, Quality Control Supervisor

QC Test Date

August 27, 2013

Retest Date

August 25, 2016