

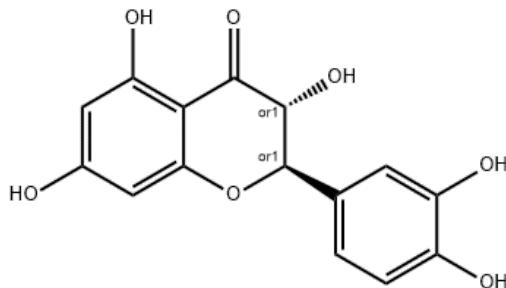
# Certificate of Analysis

Product Name: Taxifolin  
CAS Number: 24198-97-8

## Physical and Chemical Properties

Formula: C15H12O7  
Molecular Weight: 304.25  
Form: Solid Powder  
Storage: -20°C

Chemical Structure:



## Analytical Data

QC Standard: ≥98.0%  
H-NMR: Consistent with structure

## Product Information

Description: (±)-Taxifolin is the racemate of Taxifolin. Taxifolin is an important natural compound with antifibrotic activity. Taxifolin is a free radical scavenger with antioxidant capacity. Taxifolin exhibits important anti-tyrosinase activity. Taxifolin exhibits significant inhibitory activity against collagenase with an IC<sub>50</sub> value of 193.3 μM.

Stability and Solubility Advice: Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide.

We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials and used within 1 month. Avoid repeated freeze and thaw cycles. Storage conditions for some special products should refer to their storage details.