

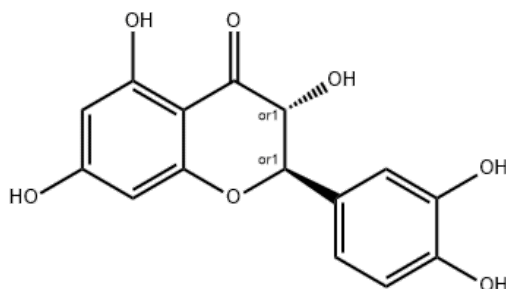
Certificate of Analysis

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

Physical and Chemical Properties

Formula:	C ₁₅ H ₁₂ O ₇
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 IC₅₀ 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.