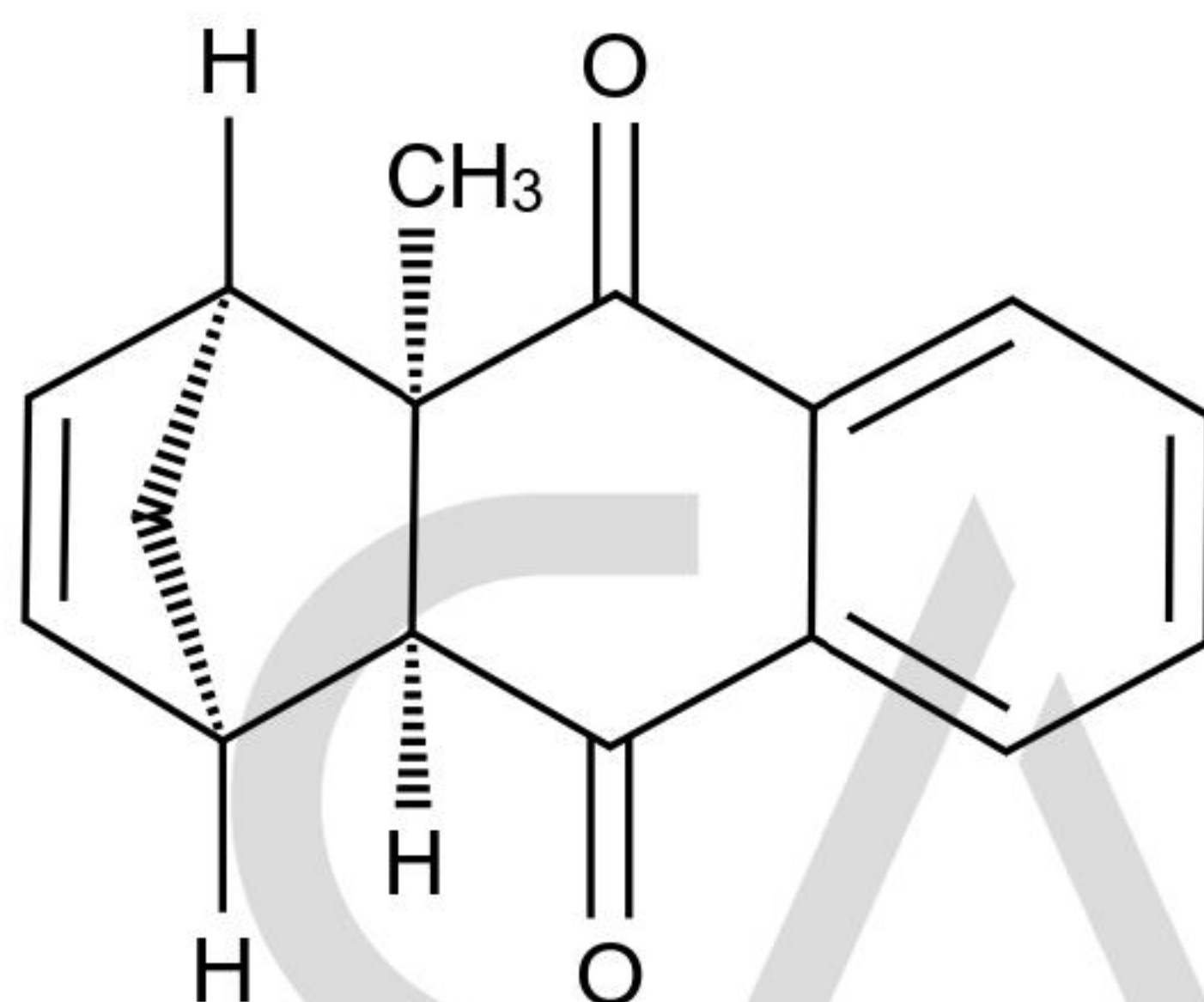


Certificate of Analysis

Reference Material & Standard

Product Name:	Vitamin K2 Impurity 1 (Relative Stereochemistry Shown)	Catalogue Number:	CP154792
Synonyms:	N/A	Lot Number:	0819-RF-0040
CAS Number:	97804-50-7	Expiry Date:	Aug 21, 2027
Molecular Formula:	C16H14O2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	238.28	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.064%
Loss On Drying	TGA	0.0533%
Assay		99.0%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 03, 2025

Date: Sep 03, 2025

Date: Sep 03, 2025

