

Certificate of Analysis

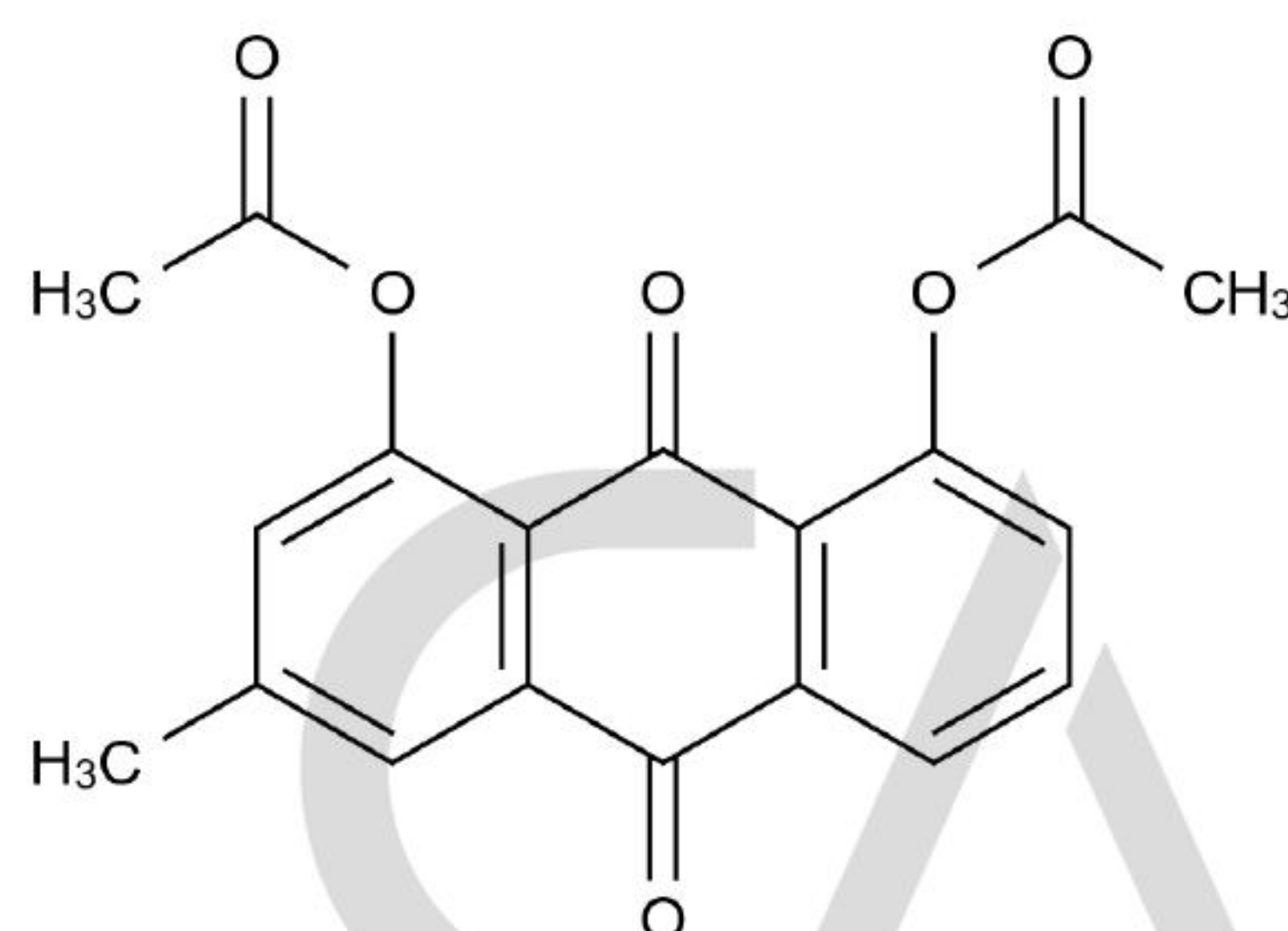
Reference Material & Standard

Product Name:	3-Methyl-9,10-dioxo-9,10-dihydroanthracene-1,8-diyl Diacetate	Catalogue Number:	C1432881
Synonyms:	N/A	Lot Number:	0828-RH-0028
CAS Number:	18713-45-6	Expiry Date:	Sep 02, 2030
Molecular Formula:	C ₁₉ H ₁₄ O ₆	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	338.31	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.6838%
Loss on Drying	TGA	0.0862%
Assay		97.6%

Comment:

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

$Assay (\%) = (100\% - Loss\ on\ Drying) * Purity\ HPLC (\%) / 100\%$

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, 2026

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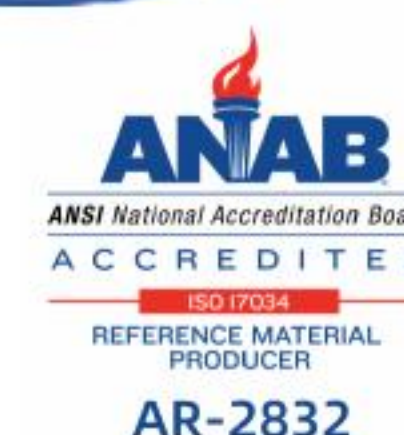
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