

Certificate of Analysis

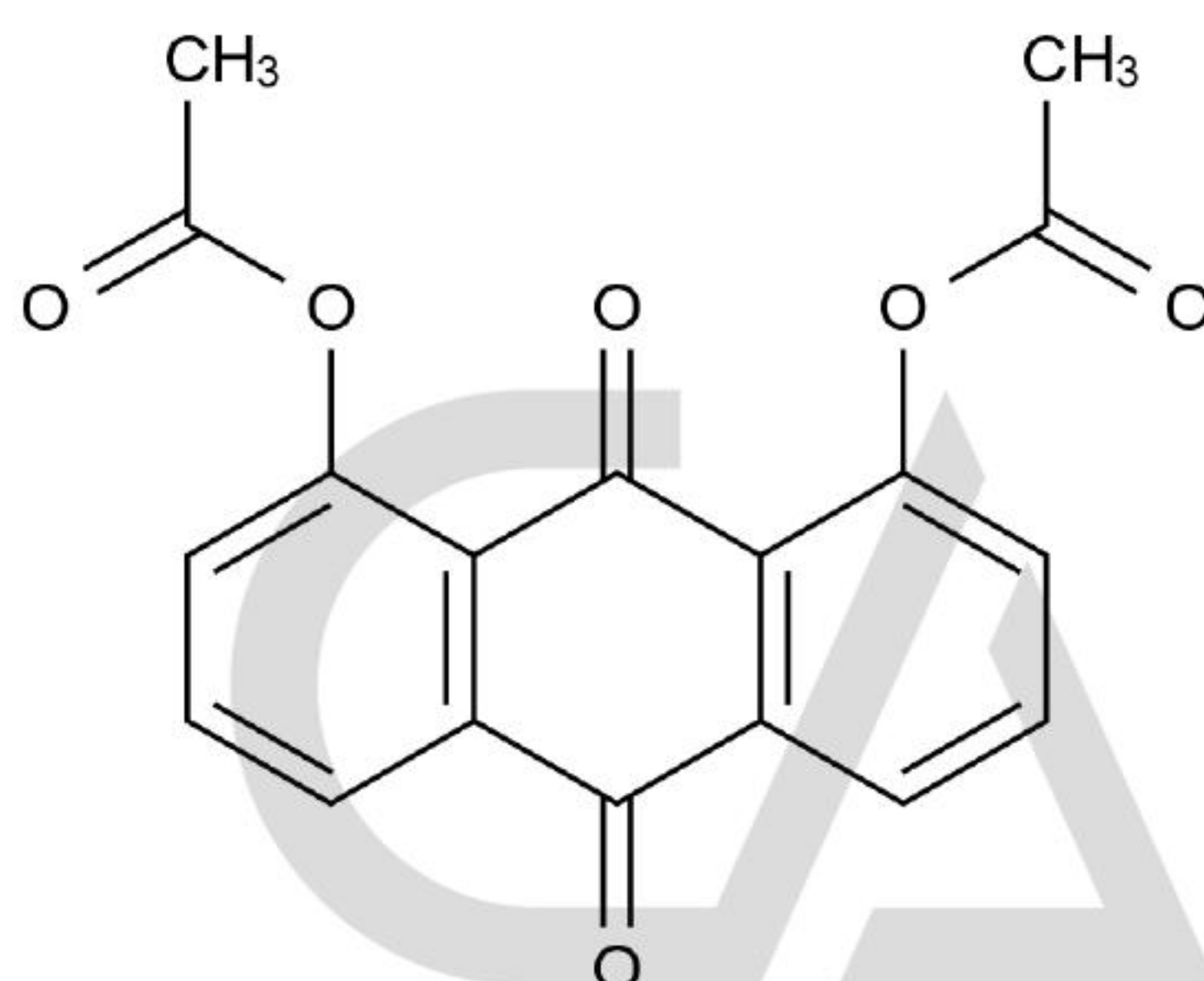
Reference Material & Standard

Product Name:	9,10-Dioxo-9,10-dihydroanthracene-1,8-diyl Diacetate	Catalogue Number:	C1453184
Synonyms:	N/A	Lot Number:	0831-RH-0137
CAS Number:	1963-82-2	Expiry Date:	Sep 02, 2030
Molecular Formula:	C ₁₈ H ₁₂ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	324.28	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.2242%
Loss on Drying	TGA	0.5042%
Assay		97.7%

Comment:

The calculation of the mass balance 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:

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Reviewed by:

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Approved by General Manager:

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Date: Sep 03, 2026

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