

Certificate of Analysis

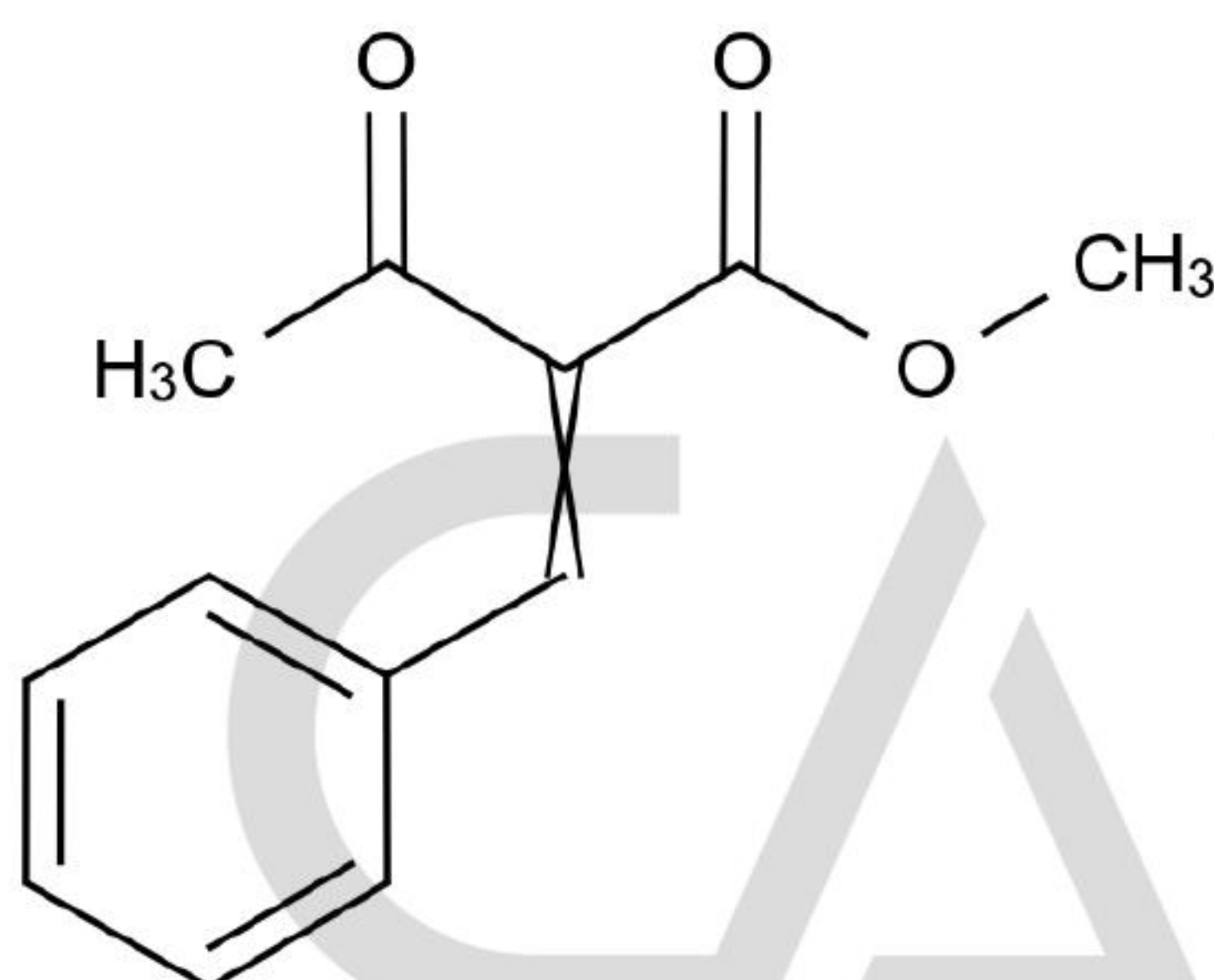
Reference Material & Standard

Product Name:	Methyl 2-benzylidene-3-oxobutanoate	Catalogue Number:	C1344228
Synonyms:	N/A	Lot Number:	0427-RH-0088
CAS Number:	15768-07-7	Expiry Date:	May 05, 2030
Molecular Formula:	C ₁₂ H ₁₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	204.22	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.00%
Loss on Drying	TGA	1.9127%
Assay		98.1%

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:

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Reviewed by:

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Approved by General Manager:

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Date: May 07, 2026

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