

Certificate of Analysis

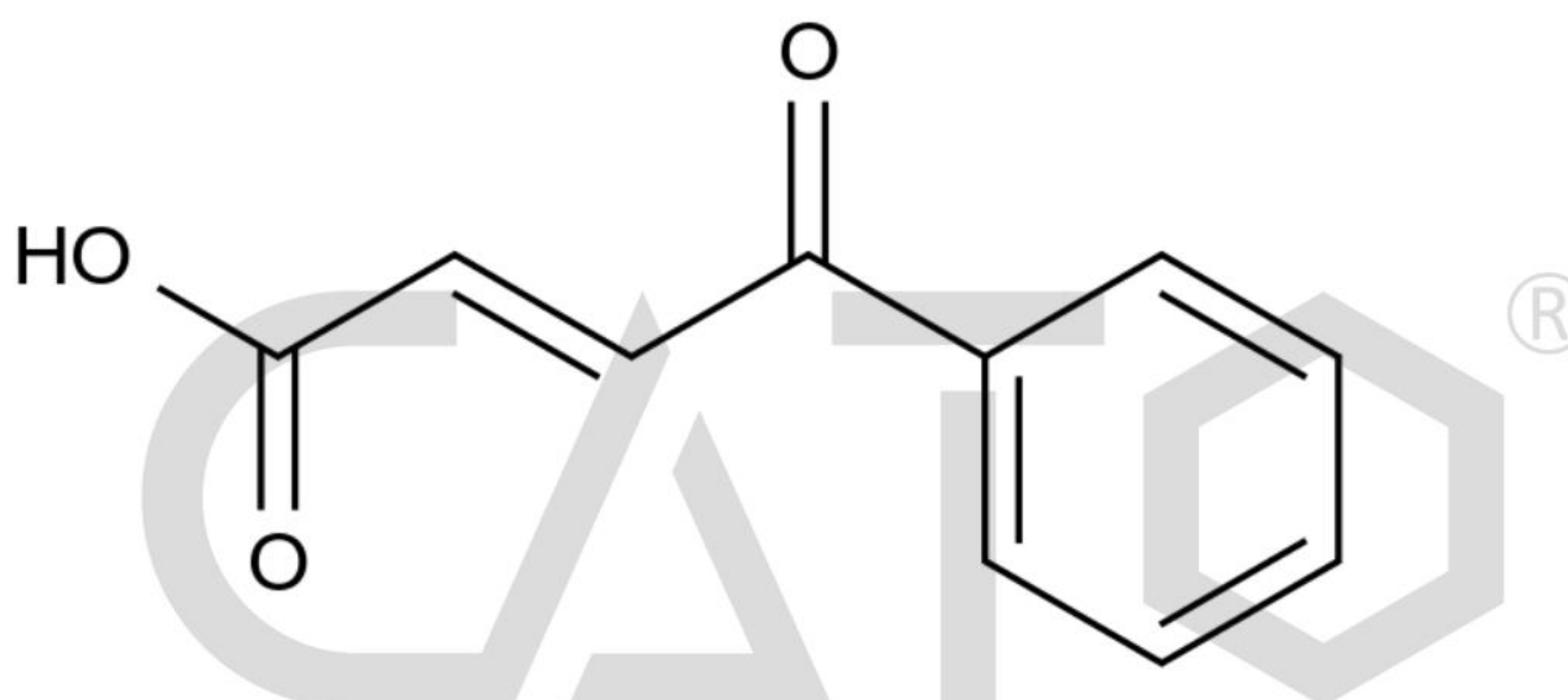
Reference Material & Standard

Product Name:	3-Benzoylacrylic acid	Catalogue Number:	C1669761
Synonyms:	N/A	Lot Number:	1215-RG-0129
CAS Number:	583-06-2	Expiry Date:	Dec 16, 2029
Molecular Formula:	C ₁₀ H ₈ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	176.17	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.110%
Loss On Drying	TGA	9.1446%
Assay		89.1%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Dec 17, 2025

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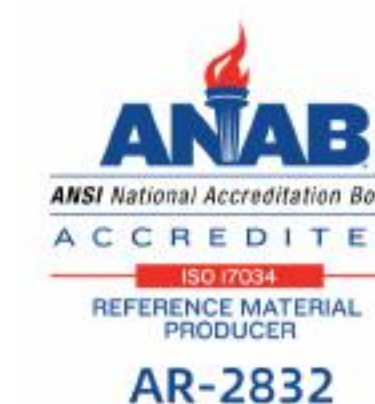
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