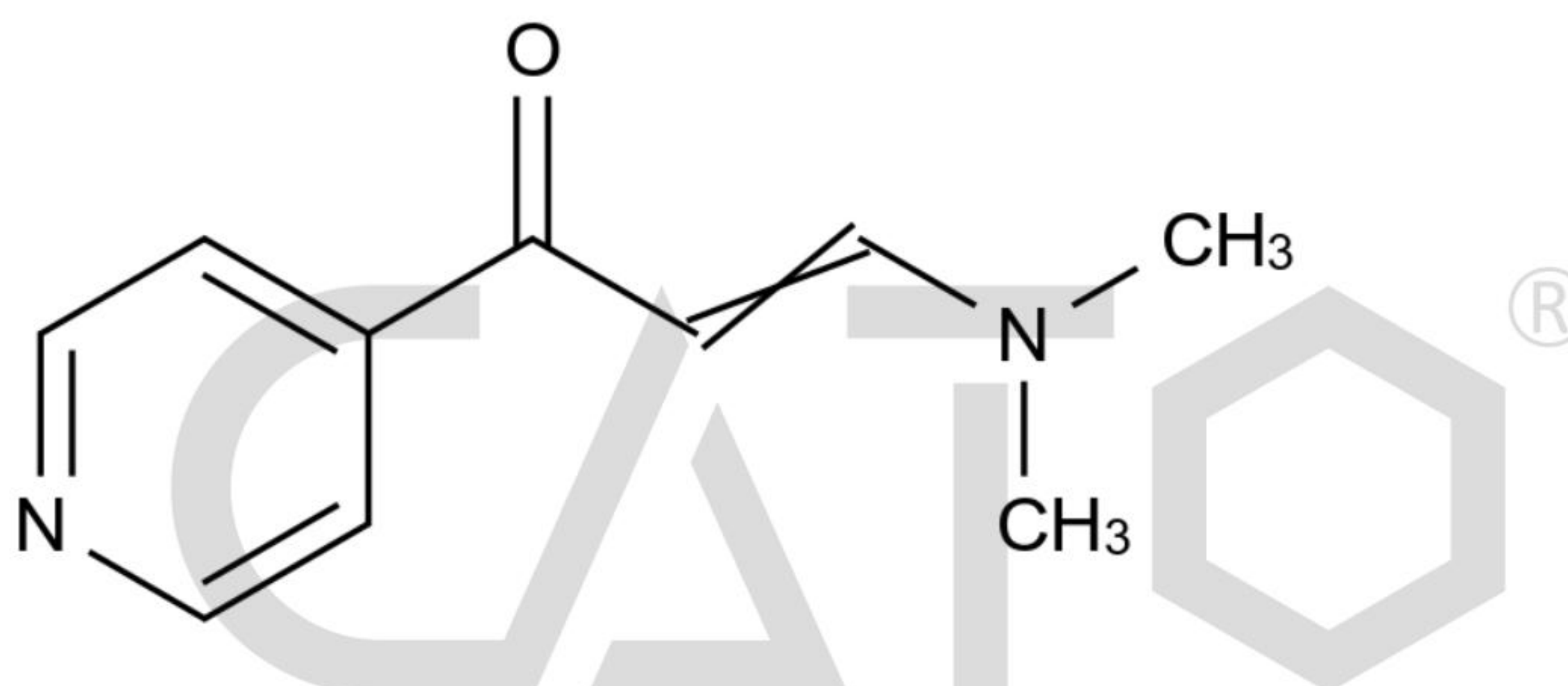


Certificate of Analysis

Reference Material & Standard

Product Name:	3-(Dimethylamino)-1-(4-pyridinyl)-2-propen-1-one	Catalogue Number:	C1827113
Synonyms:	N/A	Lot Number:	0320-RH-0049
CAS Number:	66521-53-7	Expiry Date:	Mar 26, 2030
Molecular Formula:	C ₁₀ H ₁₂ N ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	176.22	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.982%
Loss on Drying	TGA	0.0430%
Assay		99.9%

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: Apr 08, 2026

Date: Apr 08, 2026

Date: Apr 08, 2026



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