

Certificate of Analysis

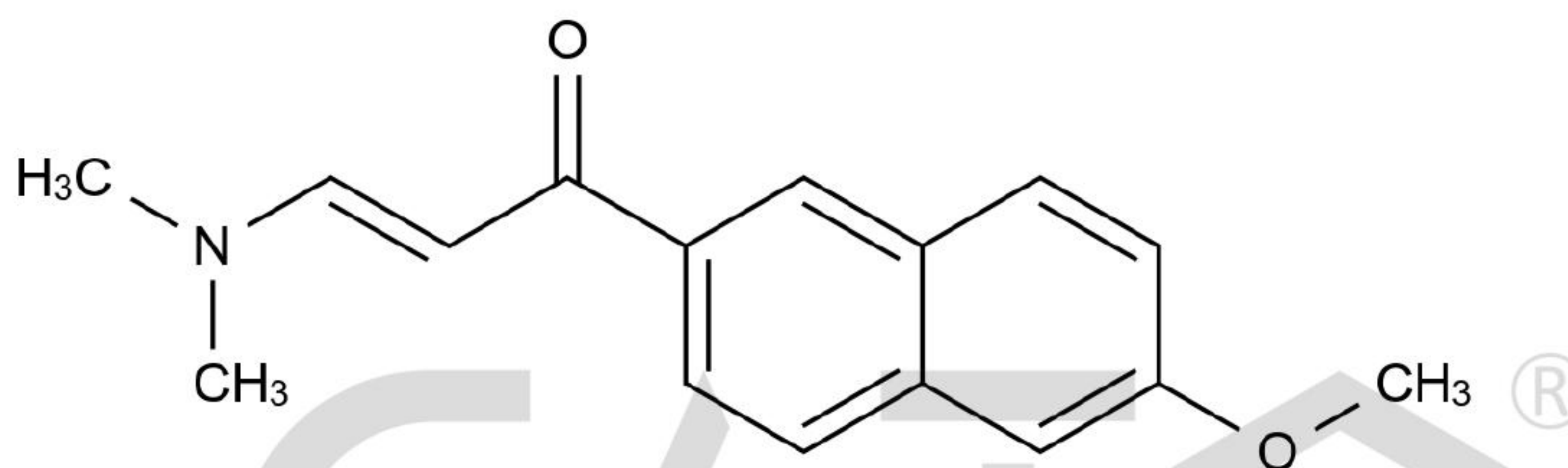
Reference Material & Standard

Product Name:	(2E)-3-(Dimethylamino)-1-(6-methoxynaphthalen-2-yl)prop-2-en-1-one	Catalogue Number:	C1315613
Synonyms:	N/A	Lot Number:	0818-RH-0016
CAS Number:	1477476-75-7	Expiry Date:	Aug 19, 2030
Molecular Formula:	C ₁₆ H ₁₇ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	255.31	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.00%
Loss on Drying	TGA	0.0100%
Assay		99.99%

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: Aug 20, 2026

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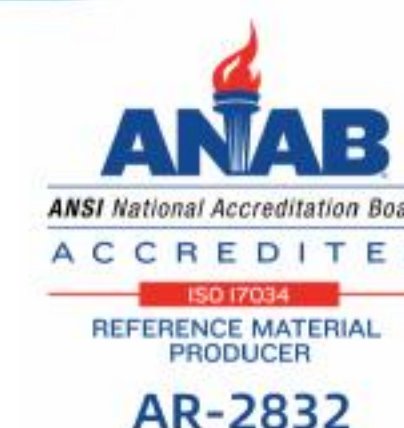
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