

Certificate of Analysis

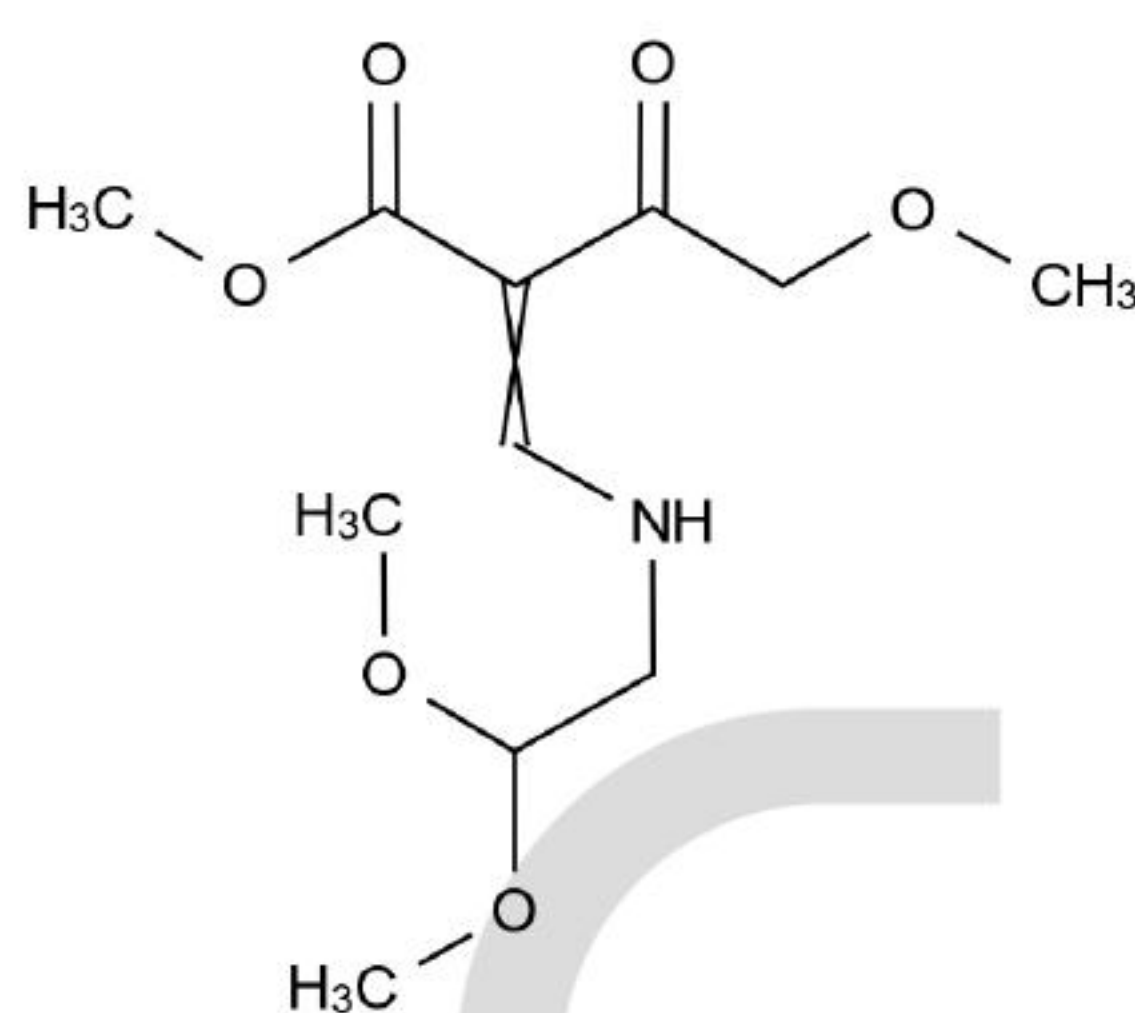
Reference Material & Standard

Product Name:	Methyl 2-(((2,2-dimethoxyethyl)amino)methylene)-4-methoxy-3-oxobutanoate	Catalogue Number:	C1222223
Synonyms:	N/A	Lot Number:	0119-RH-0078
CAS Number:	1335210-26-8	Expiry Date:	Jan 14, 2030
Molecular Formula:	C ₁₁ H ₁₉ NO ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	261.27	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.800%
Water Content	Karl Fischer	0.03%
Residual Solvents	NMR	Not detected in NMR
Assay		99.8%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jan 20, 2026

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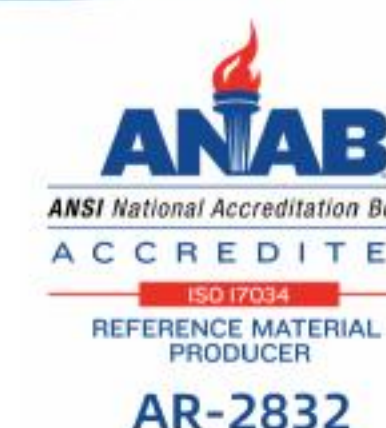
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