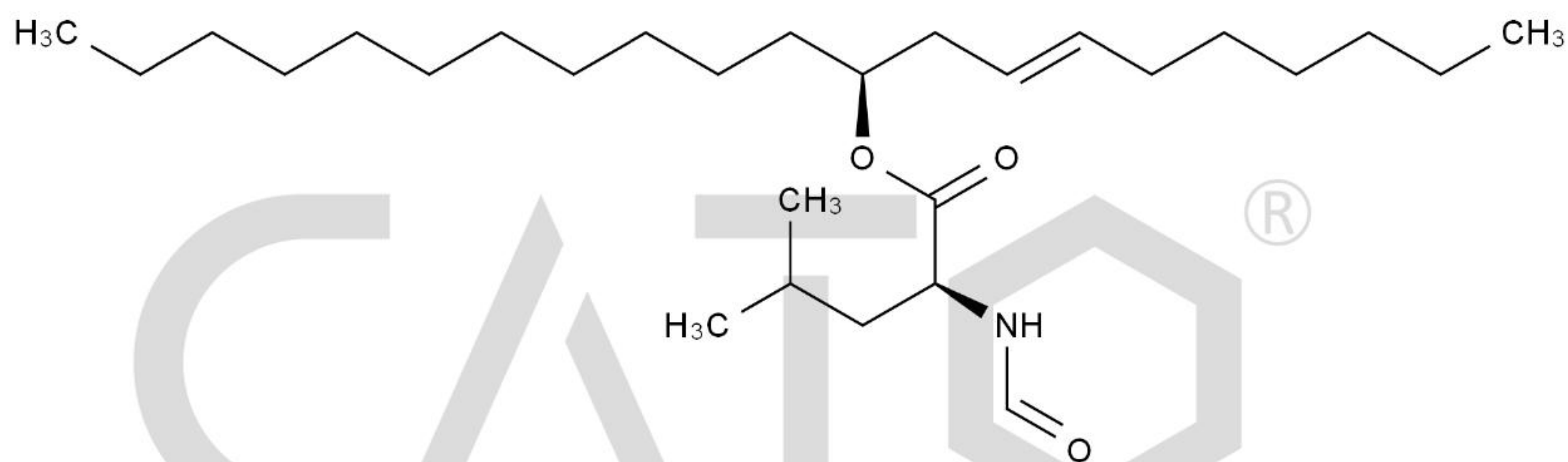


Certificate of Analysis

Reference Material & Standard

Product Name:	N-Formyl-L-leucine [S-(E)]-1-(2-Nonenyl)dodecyl Ester	Catalogue Number:	C4X-14993
Synonyms:	Orlistat Open Ring Anhydro Decarboxy Impurity	Lot Number:	0531-RE-0035
CAS Number:	130676-63-0	Expiry Date:	Sep 04, 2029
Molecular Formula:	C ₂₈ H ₅₃ NO ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	451.73		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	GC	99.196%
Loss On Drying	TGA	0.1520%
Assay		99.0%

Comment:

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

Assay (%) = (100%-Loss On Drying) * Purity GC (%) /100%

Loss On Drying is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 05, 2025

Date: Sep 08, 2025

Date: Sep 08, 2025



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