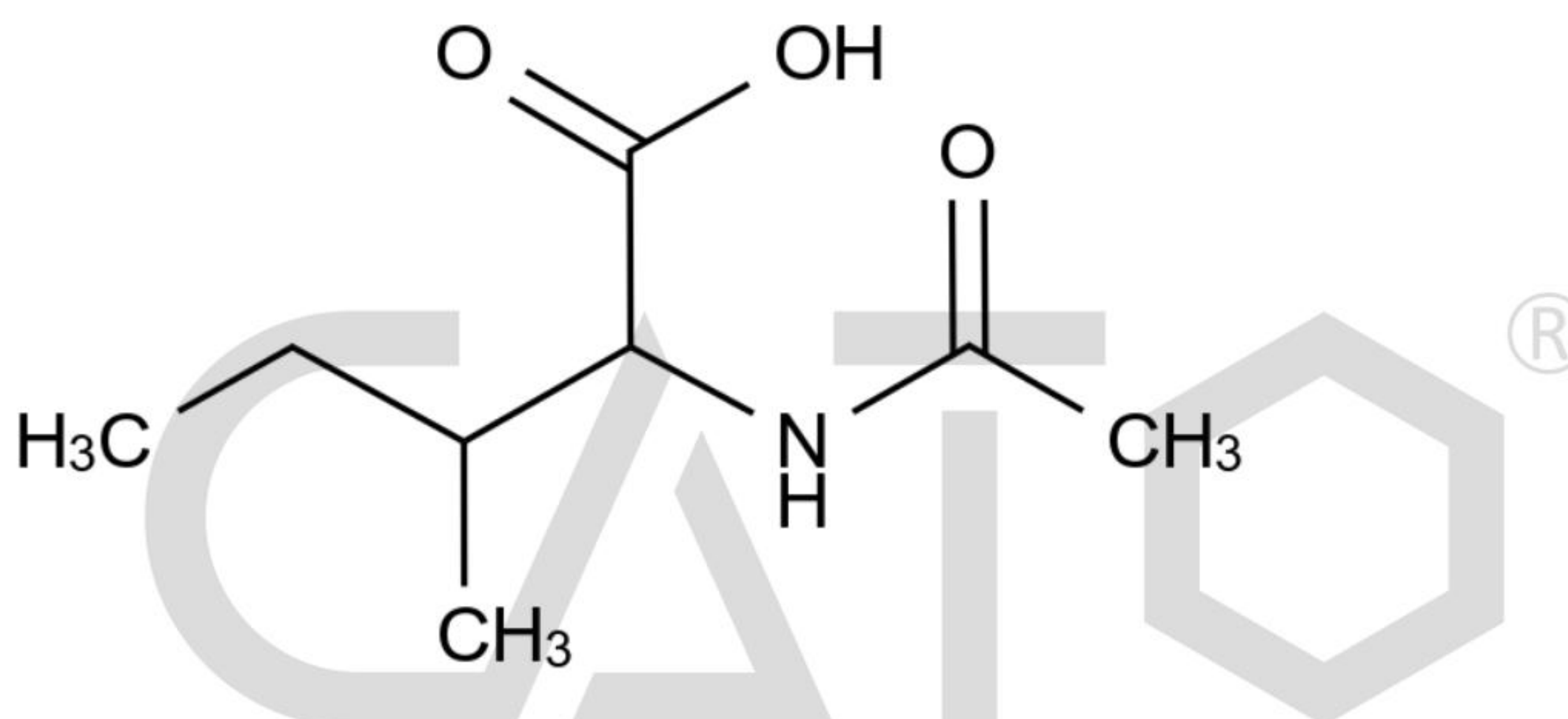


Certificate of Analysis

Reference Material & Standard

Product Name:	2-acetamido-3-methylpentanoic acid	Catalogue Number:	C3D-262347
Synonyms:	N/A	Lot Number:	1211-RG-0064
CAS Number:	2460646-17-5	Expiry Date:	Dec 14, 2027
Molecular Formula:	C ₈ H ₁₅ NO ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	173.21	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.517%
Loss On Drying	TGA	0.2421%
Assay		99.3%

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 15, 2025

Date: Dec 15, 2025

Date: Dec 15, 2025



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