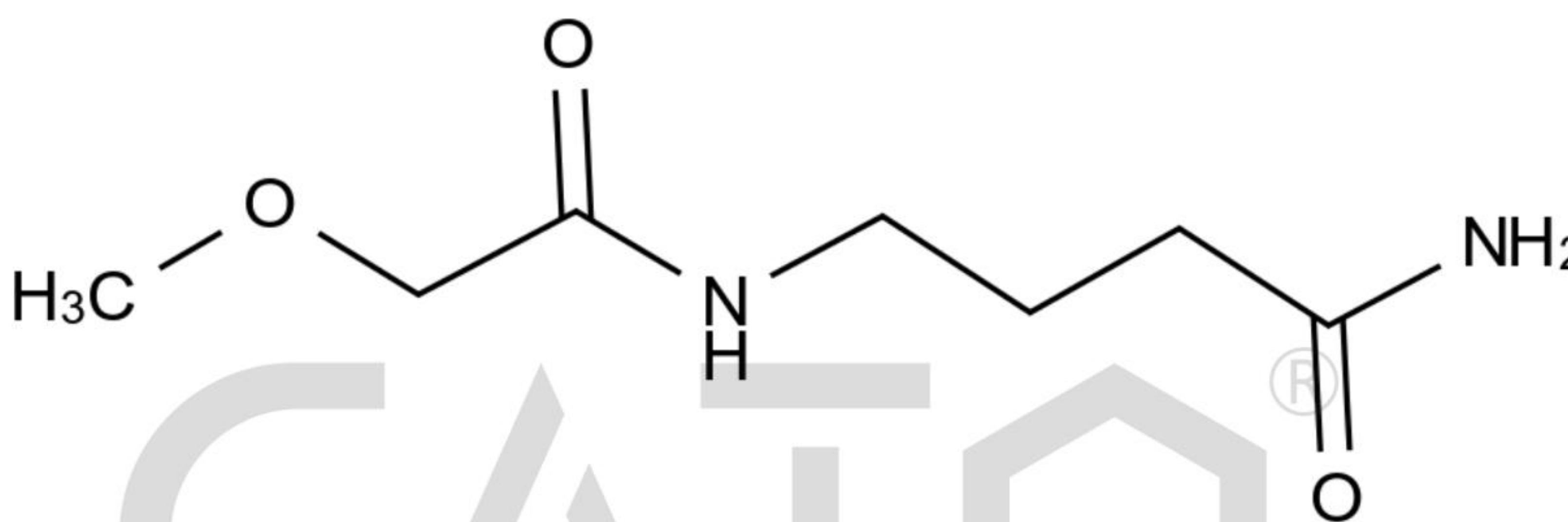


Certificate of Analysis

Reference Material & Standard

Product Name:	Piracetam Impurity 44	Catalogue Number:	C4X-123544
Synonyms:	N/A	Lot Number:	0526-RG-0138
CAS Number:	N/A	Expiry Date:	May 27, 2028
Molecular Formula:	C7H14N2O3	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	174.20		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	ELSD	95.004%
Loss On Drying	TGA	0.4365%
Assay		94.6%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

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

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

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: May 28, 2025

Date: May 29, 2025

Date: May 29, 2025

