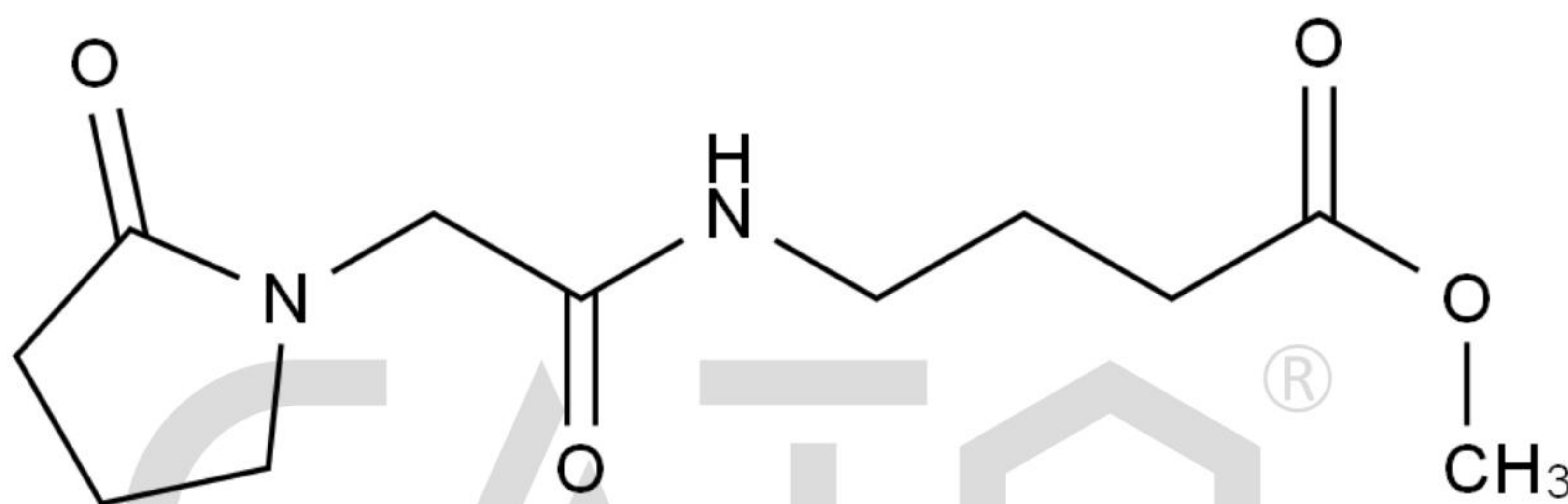


Certificate of Analysis

Reference Material & Standard

Product Name:	Piracetam Impurity 19	Catalogue Number:	C4X-123519
Synonyms:	N/A	Lot Number:	0815-RF-0042
CAS Number:	N/A	Expiry Date:	Aug 25, 2027
Molecular Formula:	C ₁₁ H ₁₈ N ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	242.27		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Oil
Identification	GCMS&HNMR	Confirmed
Purity	GC	98.5%
Assay	qNMR	96.1%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 26, 2024

Date: Aug 26, 2024

Date: Aug 26, 2024

