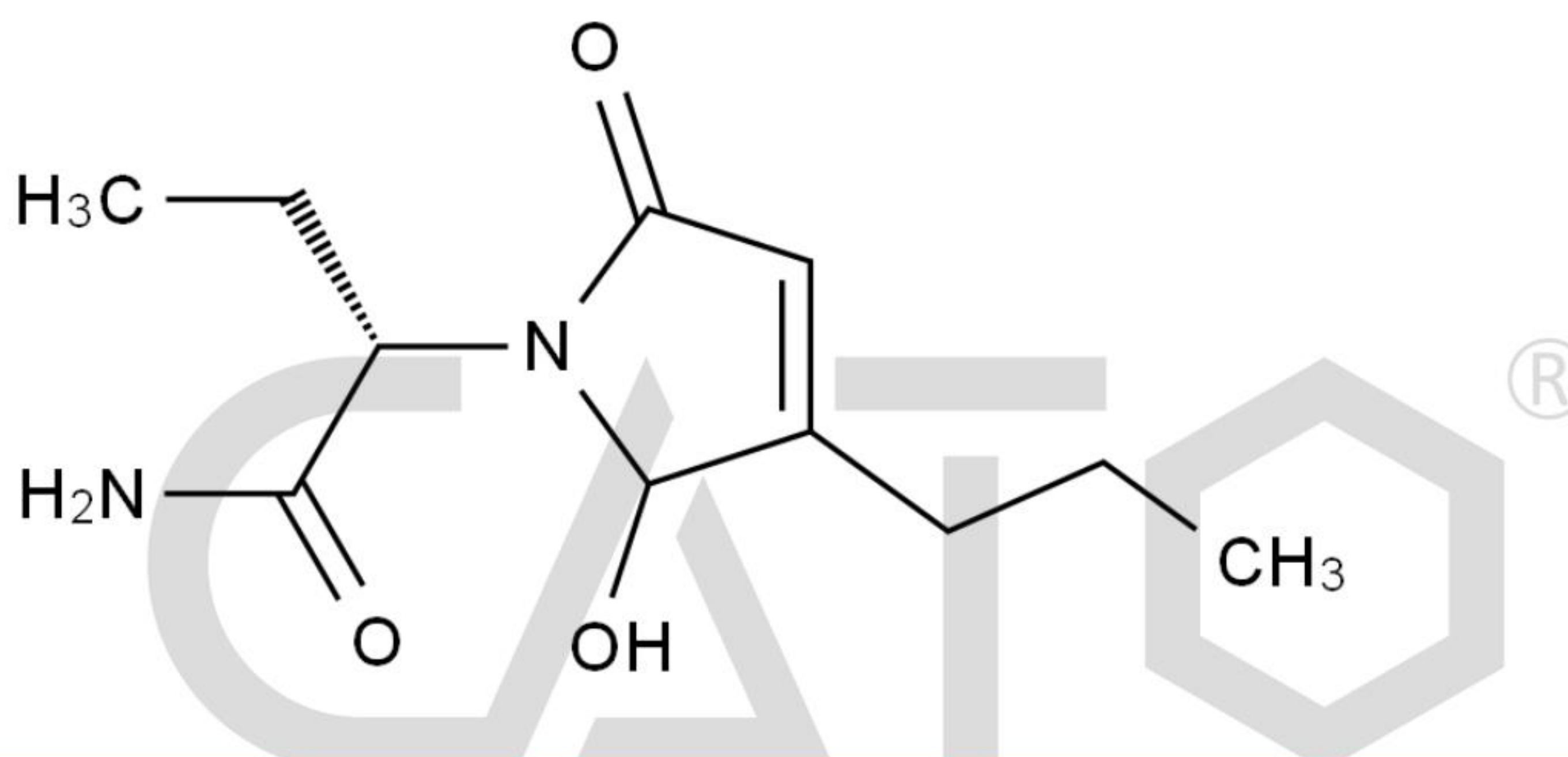


Certificate of Analysis

Reference Material & Standard

Product Name:	Brivaracetam Impurity 48	Catalogue Number:	C4X-200748
Synonyms:	N/A	Lot Number:	0902-RF-0067
CAS Number:	2232201-72-6	Expiry Date:	Aug 28, 2027
Molecular Formula:	C ₁₁ H ₁₈ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	226.27	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.726%
Water Content	Karl Fischer	1.10%
Residual Solvents	NMR	Not detected in NMR
Assay		98.6%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Dec 24, 2025

Date: Dec 24, 2025

Date: Dec 24, 2025



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