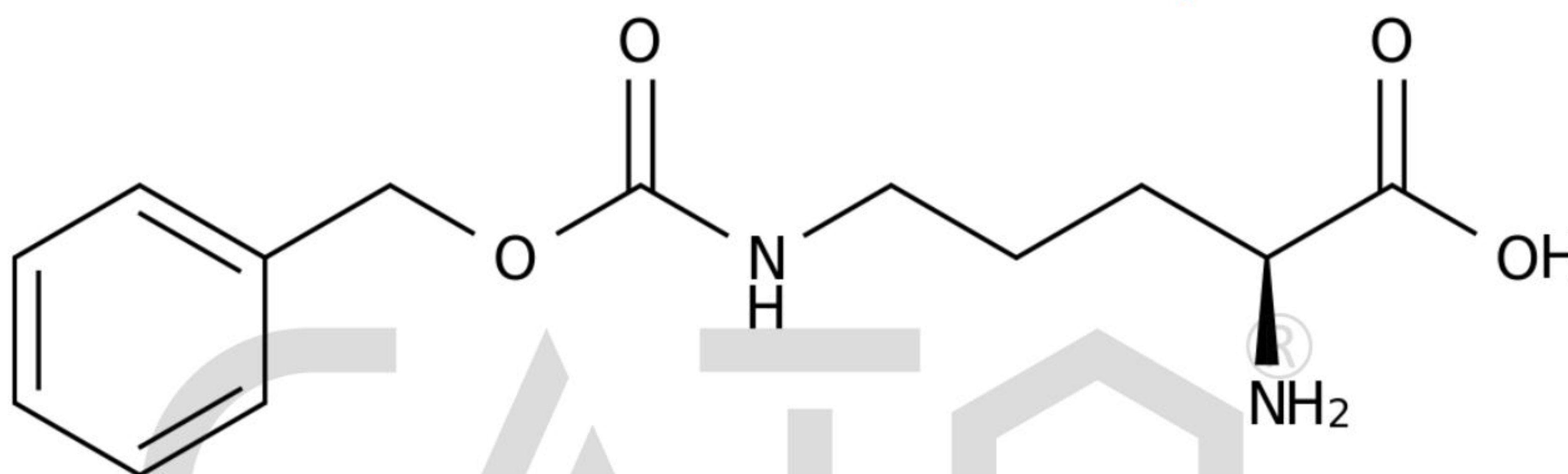


Certificate of Analysis

Reference Material & Standard

Product Name:	H-Orn(Z)-OH	Catalogue Number:	CPTD783813
Synonyms:	N/A	Lot Number:	0710-RG-0065
CAS Number:	3304-51-6	Expiry Date:	Jul 13, 2029
Molecular Formula:	C ₁₃ H ₁₈ N ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	266.29	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.4300%
Assay		99.6%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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: Jul 14, 2025

Date: Jul 14, 2025

Date: Jul 14, 2025

