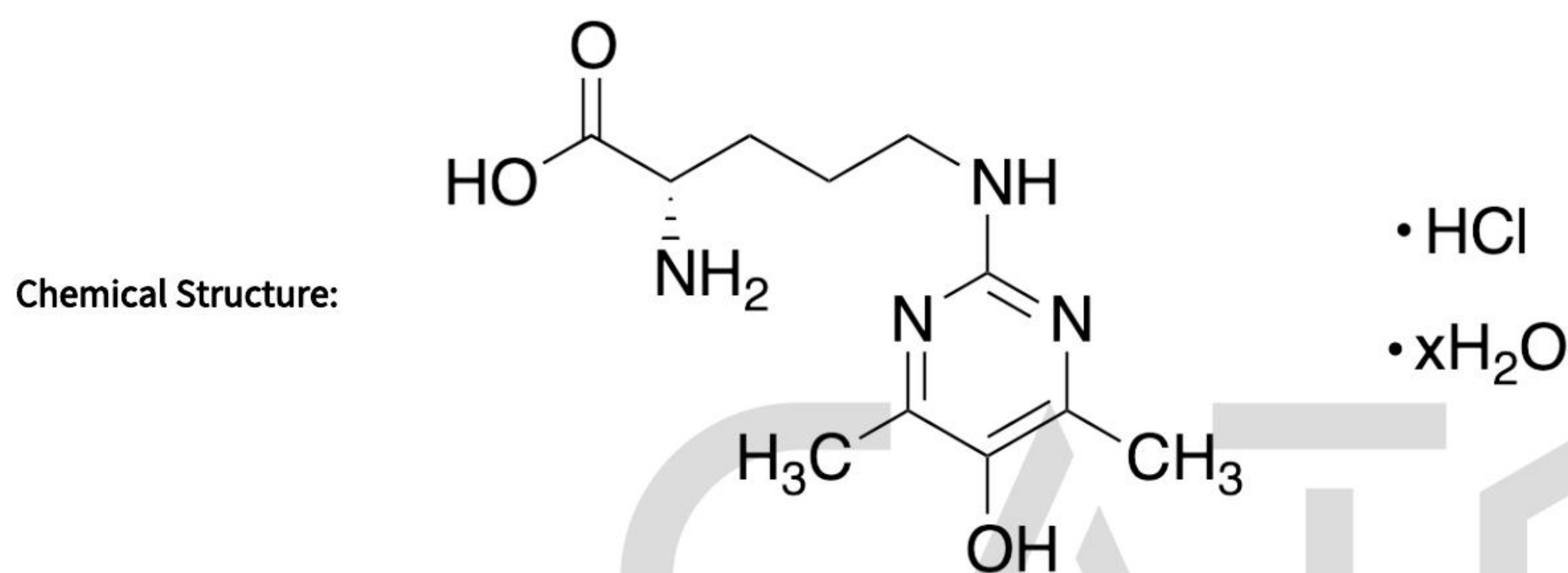


Certificate of Analysis

Reference Material & Standard

Product Name:	N5-(5-Hydroxy-4,6-dimethyl-2-pyrimidinyl)-L-ornithine Hydrochloride Hydrate	Catalogue Number:	C3D-25826
Synonyms:	N/A	Lot Number:	0326-RF-0026
CAS Number:	195143-52-3	Expiry Date:	Sep 17, 2027
Molecular Formula:	C ₁₁ H ₁₈ N ₄ O ₃ HCl xH ₂ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	254.29 36.46 x(18.02)		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.59%
Water Content	Karl Fischer	6.30%
Assay		93.3%

Comment:

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

Assay (%) = (100%-Water Content) * Purity HPLC (%) /100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Aproved by General Manager:

David

Date: Mar 28, 2024

Date: Mar 28, 2024

Date: Mar 28, 2024

