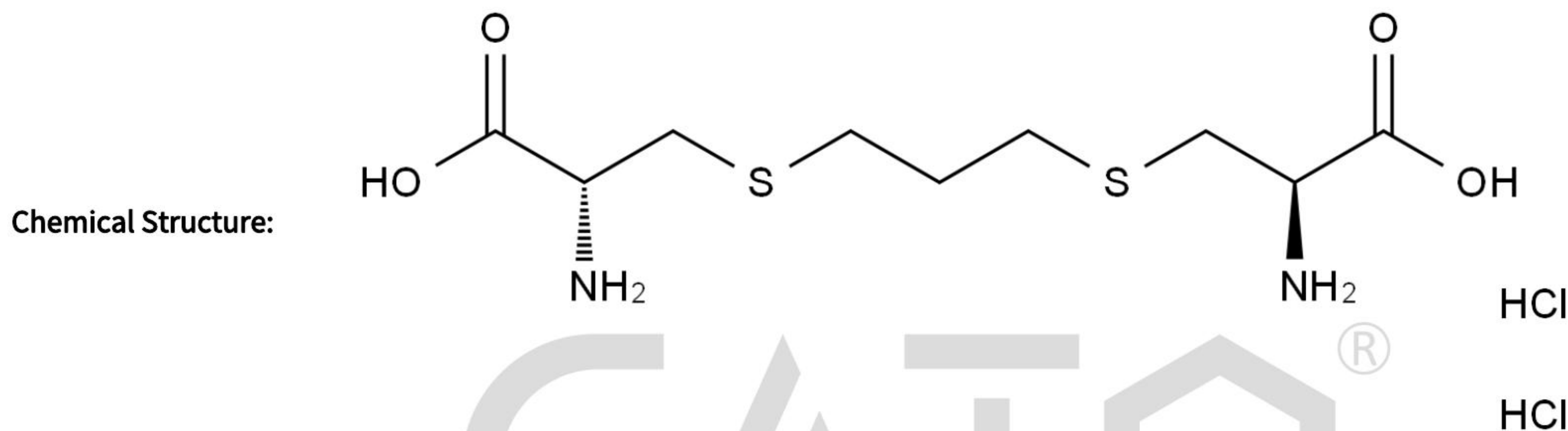


Certificate of Analysis

Reference Material

Product Name:	Fudosteine Impurity 18 DiHCl	Catalogue Number:	C4X-144718
Chemical Name:	N/A	Lot Number:	0923-RC-0029
CAS Number:	N/A	Expiry Date:	Dec 20, 2024
Molecular Formula:	C ₉ H ₁₈ N ₂ O ₄ S ₂ 2*HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	282.38 2*36.46		



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	ELSD	100.0000%
Water Content	Karl Fischer	0.2%
Residual Solvents	NMR	Not detected in NMR
Optical Rotation		[α] _D ^{25.0} (c=0.44, IN HCl (aq)): -2.8°
Assay		99.8%

Comment:

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

Assay (%) = (100%-Water Content-Residual Solvents) * Purity ELSD (%) /100%

Water Content and Residual Solvents are considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Nacy

Reviewed by:

Debia

Aporoved by General manager:

David

Date: Dec 21, 2020

Date: Dec 22, 2022

Date: Dec 22, 2022

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