

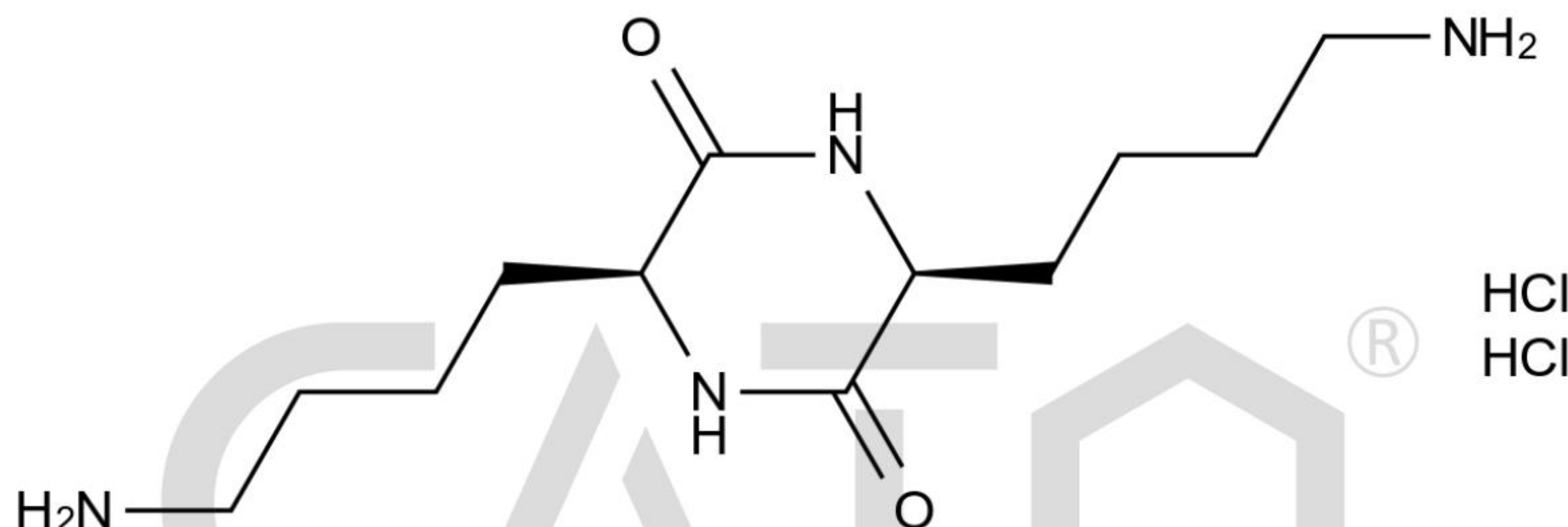
Certificate of Analysis

Reference Material & Standard

Product Name:	(3S,6S)-3,6-bis(4-aminobutyl)piperazine-2,5-dione 2HCl	Catalogue Number:	C1663006
Synonyms:	N/A	Lot Number:	0401-RF-0041
CAS Number:	23409-32-7(free base)	Expiry Date:	Apr 06, 2028
Molecular Formula:	C ₁₂ H ₂₄ N ₄ O ₂ 2*HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	256.34 2*36.46	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.0%
Assay	qNMR	96.5%

Comment:

Hygroscopic

Assay was determined by quantitative 1H-NMR.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 07, 2024

Date: Apr 07, 2024

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