Certificate of Analysis

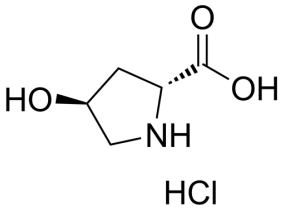
tans-4-Hydroxy-D-proline (hydrochloride)

Cat. No.:	HY-W003511
CAS No.:	142347-81-7
Batch No.:	178482
Chemical Name:	D-Proline, 4-hydroxy-, hydrochloride (1:1), (4S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_5H_{10}ClNO_3$		
Molecular Weight:	**167.59**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
Purity (NMR):	**≥97.0%**
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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