

Certificate of Analysis

(2R,4R)-4-Hydroxypyrrolidine-2-carboxylic acid hydrochloride

Cat. No.: HY-76104 CAS No.: 77449-94-6 Batch No.: 265547

Chemical Name: D-Proline, 4-hydroxy-, hydrochloride (1:1), (4R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₅H₁₀ClNO₃ Molecular Weight: 167.59

Storage: 4°C, sealed storage, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

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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