

Certificate of Analysis

Pyrroline-5-carboxylate (sodium)

Cat. No.: HY-138354A CAS No.: 72978-16-6 Batch No.: 400126

Chemical Name: 2H-Pyrrole-5-carboxylic acid, 3,4-dihydro-, sodium salt (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₅H₆NNaO₂ Molecular Weight: 135.10

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

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

Purity (HPLC): 98.87%

The product has been tested and complies with the given specifications. Conclusion:

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

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