

Certificate of Analysis

L-Proline p-nitroanilide (TFA)

Cat. No.: HY-W011155 CAS No.: 108321-19-3 Batch No.: 306561

Chemical Name: 2-Pyrrolidinecarboxamide, N-(4-nitrophenyl)-, (2S)-, 2,2,2-trifluoroacetate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{13}H_{14}F_3N_3O_5$

Molecular Weight: 349.26

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 (NMR): ≥98.0%

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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