Certificate of Analysis

Mal-C2-cyclohexylcarboxyl-hydrazide (hydrochloride)

Cat. No.: HY-133410A
CAS No.: 174422-72-1
Batch No.: 100787

Chemical Name: Cyclohexanecarboxylic acid, 4-[(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)methyl]-, hydrazide, hydro

chloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{12}H_{18}ClN_3O_3$

Molecular Weight: 287.74

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:

 $\bigcup_{O}^{N} \bigcup_{O}^{H} \bigcup_{NH_{2}}^{H}$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 98.23%

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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