Certificate of Analysis

2,6-Dioxo-1,2,3,6-tetrahydropyrimidine-4-carboxylic acid hydrate

Cat. No.: HY-W016812 CAS No.: 50887-69-9 Batch No.: 122234

Chemical Name: 4-Pyrimidinecarboxylic acid, 1,2,3,6-tetrahydro-2,6-dioxo-, hydrate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_5H_6N_2O_5$ Molecular Weight: 174.11

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:

HO
$$\downarrow$$
 OH \downarrow O

ANALYTICAL DATA

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

99.90% Purity (HPLC): Residue on Ignition: 0.01%

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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