Certificate of Analysis

3-Ethoxy-3-oxopropanoic acid

Cat. No.: HY-Y1031 CAS No.: 1071-46-1 Batch No.: 39958

Chemical Name: Propanedioic acid, 1-ethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_5H_8O_4$ Molecular Weight: 132.11

Storage: Pure form -20°C 3 years

> 2 years $4^{\circ}C$

In solvent 6 months -80°C

1 month -20°C

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹H NMR Spectrum: Consistent with structure

Purity (GC): 99.06%

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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