Certificate of Analysis

Trans-2-butene-1,4-dicarboxylic acid

Cat. No.: HY-128426 CAS No.: 4436-74-2 Batch No.: 122784

Chemical Name: 3-Hexenedioic acid

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{6}H_{8}O_{4}$ Molecular Weight: 144.13

Storage: Powder -20°C 3 years

2 years

In solvent -80°C 6 months

1 month -20°C

Chemical Structure:

ANALYTICAL DATA

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

Purity (LCMS): 98.77%

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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