Certificate of Analysis

(R,R)-BD-AcAc 2

Cat. No.: HY-15344 **CAS No.:** 1208313-97-6

Batch No.: 30286

Chemical Name: Butanoic acid, 3-hydroxy-, (3R)-3-hydroxybutyl ester, (3R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_8H_{16}O_4$ Molecular Weight: 176.21

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to light yellow (Solid-Liquid Mixture)

¹H NMR Spectrum: Consistent with structure

Purity (NMR): ≥95.0%

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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