Certificate of Analysis

Linamarin

Cat. No.: HY-123114
CAS No.: 554-35-8
Batch No.: 282702

Chemical Name: Propanenitrile, 2-(β-D-glucopyranosyloxy)-2-methyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{10}H_{17}NO_6$ Molecular Weight: 247.25

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.62%

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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