Certificate of Analysis

4-Nitrophenyl butyrate

Cat. No.: HY-W014449
CAS No.: 2635-84-9
Batch No.: 393788

Chemical Name: Butanoic acid, 4-nitrophenyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{10}H_{11}NO_4$ Molecular Weight: 209.20

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: Light yellow to yellow (Liquid)

¹ H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.66%

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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