Certificate of Analysis

ONPG

Cat. No.: HY-15926
CAS No.: 369-07-3
Batch No.: 115830

Chemical Name: β-D-Galactopyranoside, 2-nitrophenyl

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{12}H_{15}NO_8$ Molecular Weight: 301.25

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 2 years

-20°C 1 year

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.84%

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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