Certificate of Analysis

X-alpha-Gal

Cat. No.: HY-114522
CAS No.: 107021-38-5
Batch No.: 413869

Chemical Name: α-D-Galactopyranoside, 5-bromo-4-chloro-1H-indol-3-yl

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₄H₁₅BrClNO₆

Molecular Weight: 408.63

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 light yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.93%

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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