Certificate of Analysis

IPTG

Cat. No.: HY-15921

CAS No.: 367-93-1

Batch No.: 23340

Chemical Name: β-D-Galactopyranoside, 1-methylethyl 1-thio-

PHYSICAL AND CHEMICAL PROPERTIES

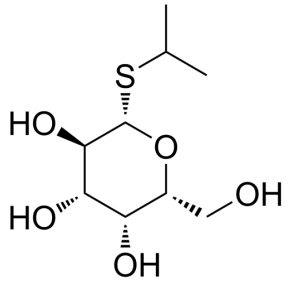
Molecular Formula: $C_9H_{18}O_5S$

Molecular Weight: **238.30**

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)

Purity (NMR): **≥98.0%**

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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