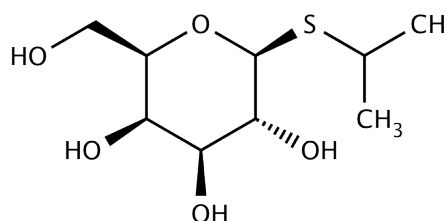


## Product Specification

Product Name : IPTG  
Glentham Code : GC6586  
CAS Number : 367-93-1  
EINECS : 206-703-0  
MDL Number : MFCD00063273  
PubChem SID : 310275355

Molecular Weight : 238.30  
Molecular Formula : C<sub>9</sub>H<sub>18</sub>O<sub>5</sub>S  
Storage Temp. : +4°C



Property	Specification
Physical Description	White crystalline powder
Solubility	Soluble in water and methanol
Identification	IR
pH	5.0 - 7.0 (5% in water)
UV Absorbance (5% in water)	300nm: ≤ 0.15 400nm: ≤ 0.06
Melting Point	110 - 114 °C
Water (KF)	≤ 1.0%
Individual Impurity	1,4-Dioxane: Absent
Specific Optical Rotation ([α] <sub>20</sub> /D)	-28.5 - -34.5 ° (c=1, water)
Purity (HPLC)	≥ 98.0%
Assay (HPLC)	98.0 - 101.0 %
Specification Version	: v1.0
Date Created	: 2013-10-15

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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