

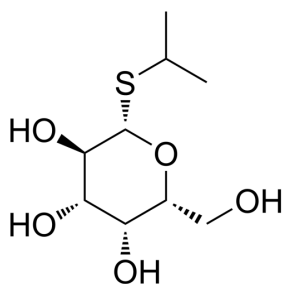
## IPTG

Cat. No.: HY-15921  
 CAS No.: 367-93-1  
 Batch No.: 292915  
 Chemical Name:  $\beta$ -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)  
 $^1H$  NMR Spectrum: Consistent with structure  
 MS: Consistent with structure  
 Purity (NMR):  $\geq 98.0\%$   
 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA