

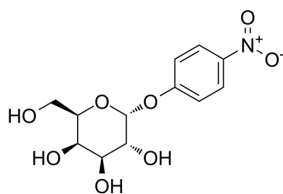
## 4-Nitrophenyl $\alpha$ -D-galactopyranoside

Cat. No.: HY-W039911  
 CAS No.: 7493-95-0  
 Batch No.: 212816  
 Chemical Name:  $\alpha$ -D-Galactopyranoside, 4-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 6 months  
 -20°C 1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 98.53%  
 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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