

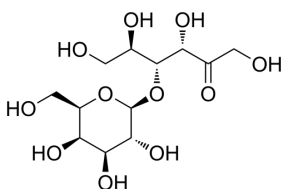
## Lactulose

Cat. No.: HY-B1172  
 CAS No.: 4618-18-2  
 Batch No.: 127093  
 Chemical Name: D-Fructose, 4-O-β-D-galactopyranosyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{12}H_{22}O_{11}$   
 Molecular Weight: 342.30  
 Storage: 4°C, sealed storage, away from moisture  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

#### 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.**

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