

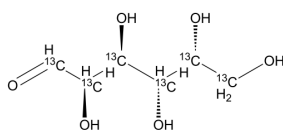
## D-Galactose- $^{13}\text{C}_6$

Cat. No.: HY-N0210S16  
 CAS No.: 74134-89-7  
 Batch No.: 256215  
 Chemical Name: D-Galactose-1,2,3,4,5,6- $^{13}\text{C}_6$

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $^{13}\text{C}_6\text{H}_{12}\text{O}_6$   
 Molecular Weight: 186.11  
 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)  
 $^1\text{H}$  NMR Spectrum: Consistent with structure  
 MS: Consistent with structure  
 Purity (NMR):  $\geq 98.0\%$   
 Isotopic Enrichment: 98.6%  
 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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