

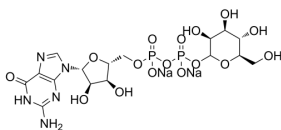
## GDP-D-mannose (disodium)

Cat. No.: HY-N7389A  
 CAS No.: 103301-73-1  
 Batch No.: 245778  
 Chemical Name: Guanosine 5'-(trihydrogen diphosphate), P'-D-mannopyranosyl ester, disodium salt (9CI)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{16}H_{23}N_5Na_2O_{16}P_2$   
 Molecular Weight: 649.30  
 Storage: -20°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 (HPLC): 99.92%  
 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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