

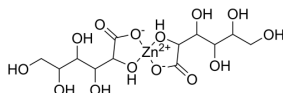
## Zinc Gluconate

Cat. No.: HY-W145499  
 CAS No.: 4468-02-4  
 Batch No.: 288602  
 Chemical Name: Zinc, bis(D-gluconato-κO1,κO2)-, (T-4)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{12}H_{22}O_{14}Zn$   
 Molecular Weight: 455.67  
 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  
 Assay: 98.2%  
 Chloride: <0.05%  
 Sulfate: <0.05%  
 Loss on Drying: 9.7%  
 pH: 6.8  
 As: <0.0003%  
 Pb: <0.0003%  
 Cd: <0.0002%  
 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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