

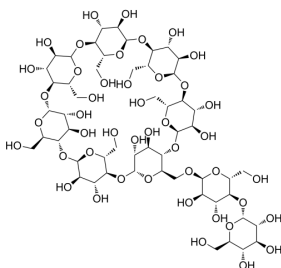
## Mal-β-CD

Cat. No.: HY-18593  
 CAS No.: 104723-60-6  
 Batch No.: 13071  
 Chemical Name: β-Cyclodextrin, O-α-D-glucopyranosyl-(1→4)-O-α-D-glucopyranosyl-(1→6A)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>54</sub>H<sub>90</sub>O<sub>45</sub>  
 Molecular Weight: 1459.27  
 Storage: Powder -20°C 3 years  
 4°C 2 years  
 In solvent -80°C 2 years  
 -20°C 1 year

#### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
 Purity (NMR): ≥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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