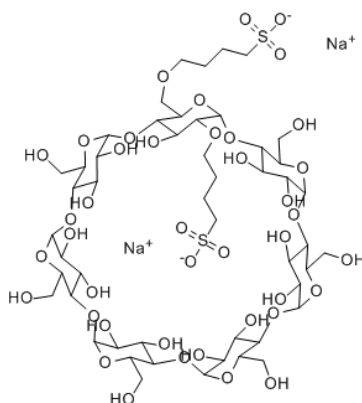


**Product Name** : SBE- $\beta$ -CD  
**Cat. No.** : PC-45153  
**CAS No.** : 182410-00-0  
**Batch No.** : PC-4515301  
**Chemical Name** :  $\beta$ -Cyclodextrin, sulfobutyl ethers, sodium salts

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 1451.287  
**Molecular Formula** :  $C_{50}H_{84}Na_2O_{41}S_2$   
**Storage** : Powder -20°C 12 Months  
4°C 6 Months  
In solvent -80°C 6 Months  
-20°C 1 Month

**Chemical Structure** :



## ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC and/or LCMS)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com