

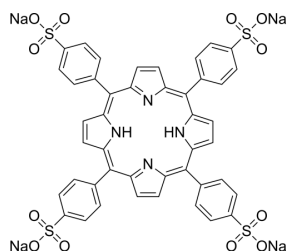
## TSPP (tetrasodium)

Cat. No.: HY-W035051  
 CAS No.: 39050-26-5  
 Batch No.: 264030  
 Chemical Name: Benzenesulfonic acid, 4,4',4'',4'''-(21H,23H-porphine-5,10,15,20-tetrayl)tetrakis-, sodium salt (1:4)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{44}H_{26}N_4Na_4O_{12}S_4$   
 Molecular Weight: 1022.92  
 Storage: 4°C, protect from light, stored under nitrogen  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

#### Chemical Structure:



### ANALYTICAL DATA

Appearance: Light brown to brown (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 Purity (NMR):  $\geq 95.0\%$   
 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA