

## Pentaethylene glycol di(p-toluenesulfonate)

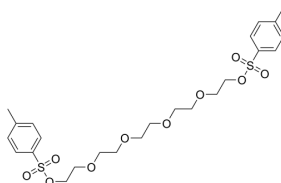
Cat. No.: HY-W004447  
CAS No.: 41024-91-3  
Batch No.: 153802  
Chemical Name: 3,6,9,12-Tetraoxatetradecane-1,14-diol, 1,14-bis(4-methylbenzenesulfonate)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{24}H_{34}O_{10}S_2$   
Molecular Weight: 546.65  
Storage: 

Pure form	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: Off-white to light brown (Solid-Liquid Mixture)  
 $^1H$  NMR Spectrum: Consistent with structure  
Purity (HPLC): 98.34%  
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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