

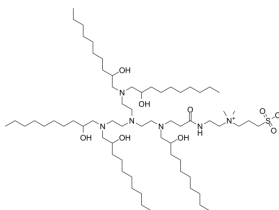
## ZA3-Ep10

Cat. No.: HY-145794  
CAS No.: 2090299-48-0  
Batch No.: 235885  
Chemical Name: 3,7,10,13-Tetraazatricosan-1-aminium, 10-[2-[bis(2-hydroxydecyl)amino]ethyl]-15-hydroxy-7,13-bis(2-hydroxydecyl)-N,N-dimethyl-4-oxo-N-(3-sulfopropyl)-, inner salt

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{66}H_{138}N_6O_9S$   
Molecular Weight: 1191.90  
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 light yellow (Oil)  
 $^1H$  NMR Spectrum: Consistent with structure  
MS: Consistent with structure  
Purity (NMR):  $\geq 98.0\%$   
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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