

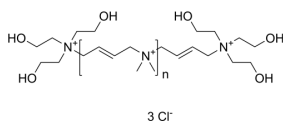
## Polyquaternium-1

Cat. No.:	HY-127032
CAS No.:	75345-27-6
Batch No.:	397352
Chemical Name:	Poly[(dimethyliminio)-2-butene-1,4-diyl chloride (1:1)], α-[4-[tris(2-hydroxyethyl)ammonio]-2-buten-1-yl]-ω-[tris(2-hydroxyethyl)ammonio]-, chloride (1:2)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>22</sub> H <sub>48</sub> Cl <sub>3</sub> N <sub>3</sub> O <sub>6</sub>
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:	Off-white to light yellow (Solid)
Purity:	≥99.0%
Chloride:	26.3%
Free Amine:	1.9%
pH:	8.2
Total Number of Aerobic Microbial Count:	<10 <sup>3</sup> cfu/g
Total Yeasts and Molds Count:	<10 <sup>2</sup> cfu/g
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