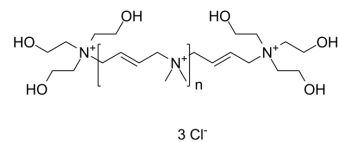


Polyquaternium-1

| | |
|--------------------|--|
| Cat. No.: | HY-127032 |
| CAS No.: | 75345-27-6 |
| Molecular Formula: | C ₂₂ H ₄₈ Cl ₃ N ₃ O ₆ |
| Target: | Biochemical Assay Reagents |
| Pathway: | Others |
| Storage: | 4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture) |



SOLVENT & SOLUBILITY

| | |
|----------|---|
| In Vitro | H ₂ O : 50 mg/mL (Need ultrasonic) |
|----------|---|

BIOLOGICAL ACTIVITY

| | |
|-------------|--|
| Description | Polyquaternium-1 (Polidronium chloride) is a polycationic ophthalmic preservative. Polyquaternium-1 can inhibit growth of microbial contaminants in multi-dose bottles of topical medications ^[1] . |
|-------------|--|

REFERENCES

[1]. Rolando M, et, al. Ophthalmic preservatives: focus on polyquaternium-1. Expert Opin Drug Deliv. 2011 Nov;8(11):1425-38.

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