

Polyquaternium-1

Cat. No.: HY-127032

CAS No.: 75345-27-6

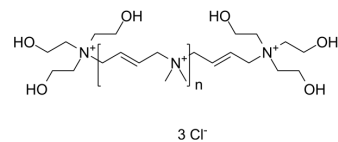
Molecular Formula: $C_{22}H_{48}Cl_3N_3O_6$

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 H₂O : 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.

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