

Product Data Sheet

Product Name: Cetalkonium chloride

Cat. No.: GC60689

Chemical Properties

Cas. No. 122-18-9

SMILES C[N+](C)(CCCCCCCCCCCCCCCCC)CC1=CC=CC=C1.[Cl-]

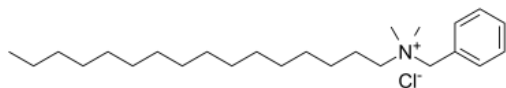
Formula $C_{25}H_{46}ClN$ M.Wt 396.09

Solubility DMSO: 100 mg/mL (252.47 mM) Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Cetalkonium chloride is an ammonium antiseptic agent used in many topical drugs for infections of mouth, throat and eye. Cetalkonium chloride acts as anti-inflammatory amphiphilic agent[1].

[1]. Cesar Torres-Luna, et al. Formation of Drug-Participating Catanionic Aggregates for Extended Delivery of Non-Steroidal Anti-Inflammatory Drugs from Contact Lenses. Biomolecules. 2019 Oct 10;9(10):593.

Caution: Product has not been fully validated for medical applications. For research use only.

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