
Product Data Sheet

Product Name: Dodecyltrimethylammonium chloride

Cat. No.: GC67468

Chemical Properties

Cas. No. 112-00-5

Formula $C_{15}H_{34}ClN$ M.Wt 263.89Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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**

Dodecyltrimethylammonium chloride is a cationic surfactant, can be used for the formation of nanocapsules^[1].

[1]. A Rosas-Durazo, et al. Development and characterization of nanocapsules comprising dodecyltrimethylammonium chloride and κ -carrageenan. Colloids Surf B Biointerfaces. 2011 Aug 1;86(1):242-6.

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

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