
Product Data Sheet

Product Name: Ethylhexadecyldimethylammonium bromide

Cat. No.: GC67536

Chemical Properties

Cas. No. 124-03-8

Formula C₂₀H₄₄BrN M.Wt 378.47

Solubility 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**

Ethylhexadecyldimethylammonium (EHDA) bromide, a surfactant, has been used in a number of adsorptive separational methods, such as the removal of nickel, zinc and chromium ions. Ethylhexadecyldimethylammonium (EHDA) bromide also can be used to prepare dye of staining intracellular ions^{[1][2]}.

[1]. Kahu SS, et al. Two fold modified chitosan for enhanced adsorption of hexavalent chromium from simulated wastewater and industrial effluents. Carbohydr Polym. 2016 Aug 1;146:264-73.

[2]. Kalinich JF, McClain DE. Staining of intracellular deposits of uranium in cultured murine macrophages. Biotech Histochem. 2001 Sep-Nov;76(5-6):247-52.

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

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