

Product Data Sheet

Product Name: Sodium diethylcarbamodithioate trihydrate

Cat. No.: GB61067

Chemical Properties

Cas. No. 20624-25-3

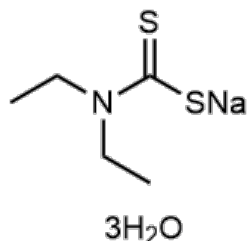
Formula $C_5H_{16}NNaO_3S_2$ M.Wt 225.31

Solubility Storage Store at room temperature

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

Sodium diethylcarbamodithioate (Ditiocarb sodium) trihydrate is a copper reagent. The reaction with Cu^{2+} solution resulted in the formation of a complex, which increased the copper displacement precipitation rate. Sodium diethylcarbamodithioate trihydrate can reduce HIV infection and can be used in adjuvant immune research of high-risk breast cancer.

[1]. Abeer A.El-Saharty, et al. Sodium diethyldithiocarbamate as accelerator of the rate of copper cementation. The Egyptian Journal of Aquatic Research. 2015 Dec, Volume 41(4):289-293.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

[2]. Hersh EM, et al. Ditiocarb sodium (diethyldithiocarbamate) therapy in patients with symptomatic HIV infection and AIDS. A randomized, double-blind, placebo-controlled, multicenter study. JAMA. 1991 Mar 27;265(12):1538-44.

[3]. Dufour P, et al. Sodium dithiocarb as adjuvant immunotherapy for high risk breast cancer: a randomized study. Biotherapy. 1993;6(1):9-12.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA