

Product Data Sheet

Product Name: Sodium citrate dihydrate

Cat. No.: GC37660

Chemical Properties

Cas. No. 6132-04-3

SMILES O=C(CC(C(O[Na])=O)(O)CC(O[Na])=O)O[Na].O.O

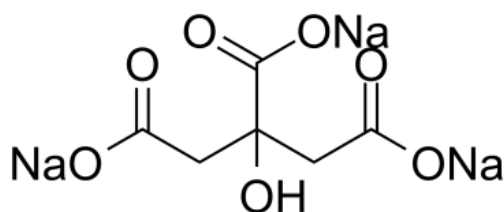
Formula $C_6H_9Na_3O_9$ M.Wt 294.1

Solubility Water: 125 mg/mL (425.03 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

Sodium citrate dehydrate is an anticoagulant and also used as a buffer and food preservatives.

[1]. Adcock DM, et al. Effect of 3.2% vs 3.8% sodium citrate concentration on routine coagulation testing. Am J Clin Pathol. 1997 Jan;107(1):105-10.

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

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