

Product Data Sheet

Product Name: Triethyl citrate

Cat. No.: GC63239

Chemical Properties

Cas. No. 77-93-0

Chemical Name 1,2,3-Propanetricarboxylic acid, 2-hydroxy-, 1,2,3-triethyl ester

Formula $C_{12}H_{20}O_7$ M.Wt 276.29

Solubility DMSO : 100mg/mL Storage Store at RT

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.

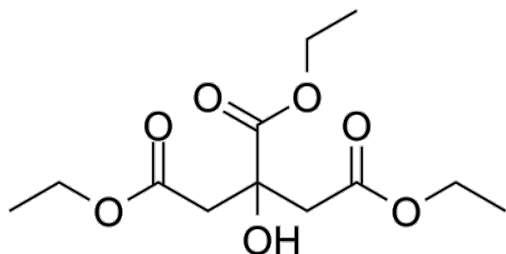
Caution: Product has not been fully validated for medical applications. For research use only.

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

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

Product Data Sheet

Structure



Background

Triethyl citrate is an ester of citric acid. Triethyl citrate can be used as a plasticizer for cellulosic plastic-based nanocomposites[1].

[1]. Hwan-Man Park; Manjusri Misra; Lawrence T. Drzal & Amar K. Mohanty (2004). "'Green" Nanocomposites from Cellulose Acetate Bioplastic and Clay: Effect of Eco-Friendly Triethyl Citrate Plasticizer". Biomacromolecules. 5 (6): 2281-2288.

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