

Product Data Sheet

Product Name: Ammonium lactate (60% in water)

Cat. No.: GC60578

Chemical Properties

Cas. No. 515-98-0

SMILES CC(O)C(O)=O.N

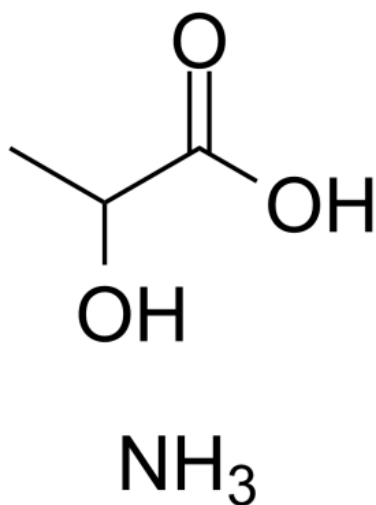
Formula $C_3H_9NO_3$ M.Wt 107.11

Solubility Water: 125 mg/mL (1167.02 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

Ammonium lactate is an organic salt of ammonium with mild anti-bacterial properties. Ammonium lactate can be used for the research of xerosis[1][2][3].

Ammonium lactate may be useful in mitigating the adverse effects of corticosteroid on skin[3].

[1]. Robert J Anders, et al. Delaying Clostridium botulinum growth in fish and poultry with lactate salts. US4798729B1. [2]. John Ademola, et al. Clinical evaluation of 40% urea and 12% ammonium

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

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lactate in the treatment of xerosis. Am J Clin Dermatol. 2002;3(3):217-22. [3]. R M Lavker, et al.
Effects of topical ammonium lactate on cutaneous atrophy from a potent topical corticosteroid. J Am Acad Dermatol. 1992 Apr;26(4):535-44.

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