

Product Data Sheet

Product Name: Chloromethyl pivalate

Cat. No.: GD06287

Chemical Properties

Cas. No. 18997-19-8

Formula C₆H₁₁ClO₂

M.Wt 150.603

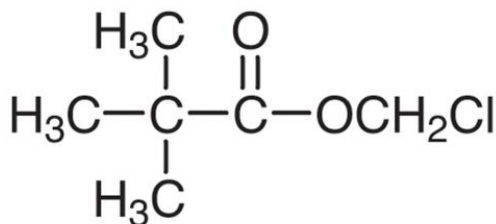
Solubility

Storage argon filling

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

Pivaloyloxymethyl chloride can be used as electrolyte solvent for lithium batteries, or used as alkylating agent to improve the biomembrane transport of an agent.

[1]. Gezginci MH, et al., Antimycobacterial activity of substituted isosteres of pyridine- and pyrazinecarboxylic acids. 2. J Med Chem. 2001 May 10;44(10):1560-3.

[2]. Li T, et al., Chloromethyl pivalate based electrolyte for non-aqueous lithium oxygen batteries[J]. Chinese Chemical Letters, 2017, 28(11): 2155-2158.

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

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