

Product Data Sheet

Product Name: Clavulanic acid

Cat. No.: GC66053

Chemical Properties

Cas. No. 58001-44-8

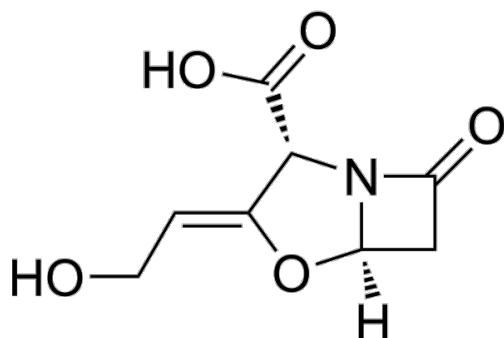
Formula $C_8H_9NO_5$ M.Wt 199.16

Solubility H₂O : 50 mg/mL (251.05 mM; Need ultrasonic) Storage 4°C, protect from light, stored under nitrogen

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



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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Background

Clavulanic acid is a naturally occurring powerful **bacterial β -lactamases** inhibitor for research of infections caused by bacteria, including infections of the ears. Clavulanic acid is active against a wide spectrum of gram-positive and gram-negative bacterias^[1].

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