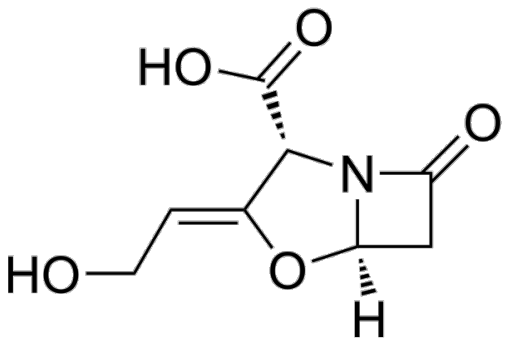
Product Data Sheet

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



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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].

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