

Product Data Sheet

Product Name: Temocillin disodium

Cat. No.: GC63631

Chemical Properties

Cas. No. 61545-06-0

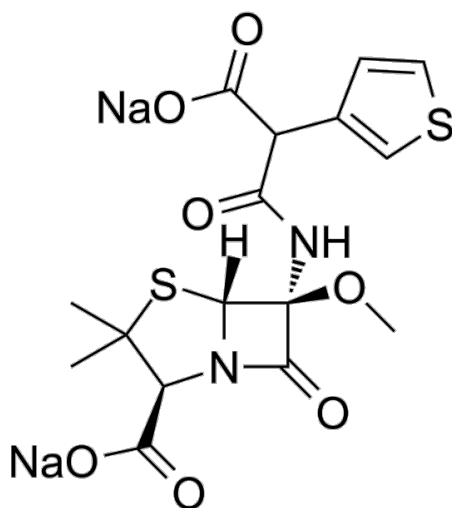
Formula $C_{16}H_{16}N_2Na_2O_7S_2$ M.Wt 458.42

Solubility Water : 250 mg/mL (545.35 mM; Need ultrasonic) Storage -20°C, 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



Background

Temocillin disodium, a 6-α-methoxy penicillin, possesses antibacterial activity[1].

Temocillin dosing regimens of 200 mg/kg every 4 and 6 h remained significantly effective in reducing bacterial titres in kidneys against the two strains, with no significant difference between the parental strain and its transconjugant[2].

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

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- [1]. K Jules, et al. Antibacterial activity and beta-lactamase stability of temocillin. Antimicrob Agents Chemother. 1982 Sep;22(3):453-60.
- [2]. J F Soubirou, et al. Activity of temocillin in a murine model of urinary tract infection due to Escherichia coli producing or not producing the ESBL CTX-M-15. J Antimicrob Chemother. 2015 May;70(5):1466-72.

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