

Product Data Sheet

Product Name: β -Cortolone

Cat. No.: GC90496

Chemical Properties

Cas. No. 667-66-3

Formula $C_{21}H_{34}O_5$

M.Wt 366.5

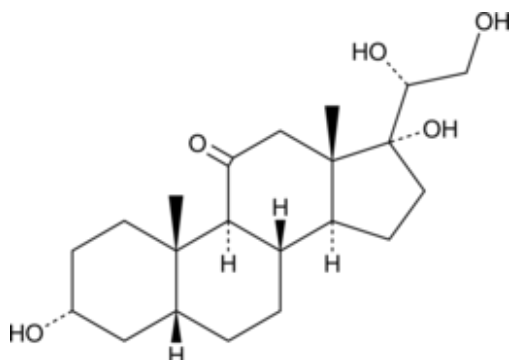
Solubility Chloroform: Slightly soluble
(warmed), Methanol: Slightly soluble
(warmed)

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

β -Cortolone is a metabolite of the glucocorticoid cortisol.¹ It is formed from cortisol by 20β -hydroxysteroid dehydrogenase (20β -HSD) via a 5β -tetradroccortisol intermediate. Urinary levels of β -cortolone are decreased in postmenopausal women with endometrial adenocarcinoma compared to postmenopausal women without endometrial adenocarcinoma.²

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

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