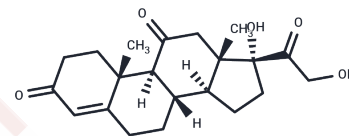


## Cortisone

## Chemical Properties

CAS No. : 53-06-5  
 Formula: C<sub>21</sub>H<sub>28</sub>O<sub>5</sub>  
 Molecular Weight: 360.44  
 Appearance: no data available  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	Cortisone (17-Hydroxy-11-dehydrocorticosterone) is a corticosteroid with potent glucocorticoid activity.
Targets(IC50)	Glucocorticoid Receptor,Endogenous Metabolite

## Solubility Information

Solubility	DMSO: 25 mg/mL (69.36 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7744 mL	13.8719 mL	27.7439 mL
5 mM	0.5549 mL	2.7744 mL	5.5488 mL
10 mM	0.2774 mL	1.3872 mL	2.7744 mL
50 mM	0.0555 mL	0.2774 mL	0.5549 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

## Reference

Yu J, et al. Eur J Pharmacol. 2015 Jan 5;746:158-66.

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