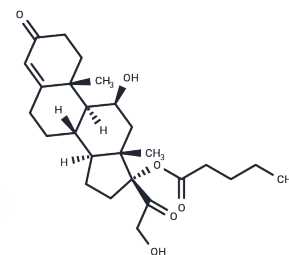


## Hydrocortisone Valerate

### Chemical Properties

CAS No. : 57524-89-7  
 Formula: C<sub>26</sub>H<sub>38</sub>O<sub>6</sub>  
 Molecular Weight: 446.58  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



### Biological Description

Description	Hydrocortisone Valerate (Westcort) has anti-inflammatory, antipruritic and vasoconstrictive properties.
Targets(IC50)	Glucocorticoid Receptor,Others

### Solubility Information

Solubility	DMSO: 15 mg/mL (33.59 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	2.2392 mL	11.1962 mL	22.3924 mL
5 mM	0.4478 mL	2.2392 mL	4.4785 mL
10 mM	0.2239 mL	1.1196 mL	2.2392 mL
50 mM	0.0448 mL	0.2239 mL	0.4478 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

### Reference

Suzuki G, et al. Sci Total Environ. 2015 May 9;527-528C:328-334.

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