RPM0042

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# Hydrocortisone(氢化可的松)(糖皮质激素受体激动剂)ceshi

**Catalog No.: RPM0042** 1 Publications

## Sequence Information

**Species** **Gene ID** **Swiss Prot**
C21H30O5

**Tags**
固体

**Synonyms**
氢化可的松; Cortisol;可的索；可的唑；皮质醇；氢可的松；17-羟基皮质 (甾) 酮；皮质甾醇；氢化皮质素

## Product Information

**Source** **Purification**
> 99%ceshi

**Endotoxin**
Glucocorticoid Receptor,Endogenous Metabolite

**Formulation**
DMSO: 50 mg/mL (137.95 mM) Ethanol: 22 mg/mL (60.7 mM) 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 6.8 mg/mL (18.76 mM), Working solution is recommended to be prepared and used immediately.

**Reconstitution**
1.CAS号/CASNO.：50-23-7|2.化学式/Formula：C21H30O5|3.分子量/M.Wt：362.46|4.外观/Appearance：固体|5.溶解度:DMSO: 50 mg/mL (137.95 mM) Ethanol: 22 mg/mL (60.7 mM) 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 6.8 mg/mL (18.76 mM), Working solution is recommended to be prepared and used immediately.

## Contact

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## Background

Hydrocortisone是一种由肾上腺产生的类固醇激素或糖皮质激素，由肾上腺素皮质分泌。Hydrocortisone 激动糖皮质激素受体，可促进蛋白质分解代谢、糖异生、毛细血管壁稳定性、肾脏钙排泄，并抑制免疫和炎症反应。

## Basic Information

**Description**
Hydrocortisone(氢化可的松)(糖皮质激素受体激动剂)是一种由肾上腺产生的类固醇激素或糖皮质激素，由肾上腺素皮质分泌。Hydrocortisone 激动糖皮质激素受体，可促进蛋白质分解代谢、糖异生、毛细血管壁稳定性、肾脏钙排泄，并抑制免疫和炎症反应。

**Bio-Activity**
在人脑微血管内皮细胞系hCMEC/D3中，Hydrocortisone防止促炎刺激(TNFα)引起的内皮屏障破坏。[1] Hydrocortisone处理树突细胞(DC)导致MHC II类分子、共刺激分子CD86和DC特异性标记物CD83表达降低，IL-12分泌减少。

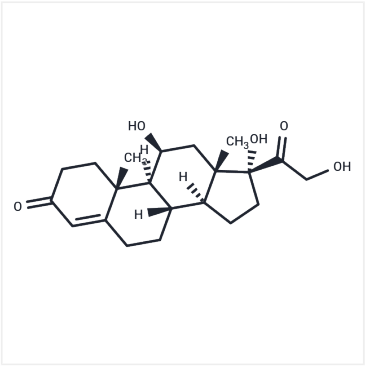
**Shipping**
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

**Operational Notes**
For your safety and health, please wear a lab coat and disposable gloves for handling.

**Storage**
Store at -20℃
Avoid repeated freeze/thaw cycles.

* For your safety and health, please wear a lab coat and disposable gloves when handling.

## Validation Data




Chemical structure of Hydrocortisone(氢化可的松)(糖皮质激素受体激动剂),CAS No.50-23-7



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