

Status: Currently Official on 14-Feb-2025  
Official Date: Official Prior to 2013  
Document Type: Reagents  
DocId: GUID-E1993E45-A08D-49FC-8A61-AEE1C731119A\_1\_en-US  
DOI: [https://doi.org/10.31003/USPNF\\_R1839\\_01\\_01](https://doi.org/10.31003/USPNF_R1839_01_01)  
DOI Ref: 67qqf

© 2025 USPC  
Do not distribute

## Cortisone,

$C_{21}H_{28}O_5$  360.44 CAS RN®: 53-06-5.—White, crystalline powder. Practically insoluble in water; sparingly soluble in alcohol and in acetone. Melts at about 220°, with decomposition.

**Absorption Maximum:** The UV absorption spectrum of a 1 in 100,000 solution in alcohol shows a maximum at about 238 nm.

**SPECIFIC ROTATION (781):** about +209°, determined in a 1 in 100 solution in alcohol.

**Auxiliary Information** - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
CORTISONE	<a href="#">Margareth R.C. Marques</a> Principal Scientific Liaison	HDQ Headquarters

**Most Recently Appeared In:**

Pharmacopeial Forum: Volume No. Information currently unavailable

**Current DocId:** [GUID-E1993E45-A08D-49FC-8A61-AEE1C731119A\\_1\\_en-US](#)

**DOI:** [https://doi.org/10.31003/USPNF\\_R1839\\_01\\_01](https://doi.org/10.31003/USPNF_R1839_01_01)

**DOI ref:** [67qqf](#)

OFFICIAL