

Status: Currently Official on 16-Feb-2025  
Official Date: Official Prior to 2013  
Document Type: Reagents  
DocId: GUID-88AAEA96-D2AD-4BCF-9ACA-AF960F5F2972\_1\_en-US  
DOI: [https://doi.org/10.31003/USPNF\\_R1659\\_01\\_01](https://doi.org/10.31003/USPNF_R1659_01_01)  
DOI Ref: 5rze0

© 2025 USPC  
Do not distribute

## $\beta$ -Sitosterol,

(22:23 Dihydrostigmasterol),  $C_{29}H_{50}O$  414.7 CAS RN<sup>®</sup>: 83-46-5.—White powder. Soluble in chloroform. Store in a freezer.

**SPECIFIC ROTATION (781S):** between  $-33^\circ$  and  $-39^\circ$ , determined in a solution containing 0.5 g of test specimen per mL of chloroform.

**WATER DETERMINATION, Method I (921):** not more than 6%.

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

Topic/Question	Contact	Expert Committee
SS-SITOSTEROL	<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-88AAEA96-D2AD-4BCF-9ACA-AF960F5F2972\_1\_en-US**

**DOI: [https://doi.org/10.31003/USPNF\\_R1659\\_01\\_01](https://doi.org/10.31003/USPNF_R1659_01_01)**

**DOI ref: [5rze0](#)**

OFFICIAL