

[Jump to Website](#)

[Request Quote](#)

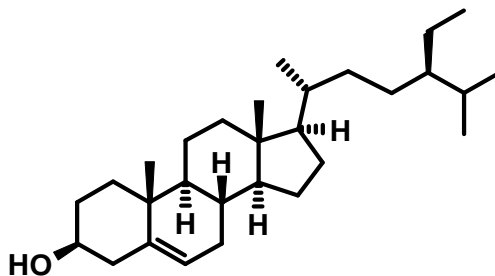
## Product Specifications

### $\beta$ -Sitosterol

**CAS** 83-46-5

**Syn:** 24 $\beta$ -Ethylcholesterol; 22:23-Dihydrostigmasterol;  $\alpha$ -Dihydrofucosterol;  $\Delta^5$ -Stigmasten-3 $\beta$ -ol;  $\alpha$ -Phytosterol

**Structure:**



**Mol. Formula**  
**Source**

**C<sub>29</sub>H<sub>50</sub>O**  
*Natural*

**Mol. Wt.**

414.7

---

---

### *Test*

### *Specification*

<b>Identity</b>	IR
<b>Appearance</b>	White, microcryst. solid
<b>Mp</b>	139-141 °C (98%)
<b>Assay (hplc)</b>	> 40 %; > 70 %; > 80%; > 95%
<b>Sp. Rot., [<math>\alpha</math>]<sub>D</sub></b>	- 36° to -37° [c = 2, (98%); CHCl <sub>3</sub> ]
<b>LOD</b>	< 3 %
<b>Ash (residue on ignition)</b>	< 0.2 %
<b>Heavy metals</b>	< 1 ppm

**Storage:** Maintain in cool, dry containment.