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Product Specifications

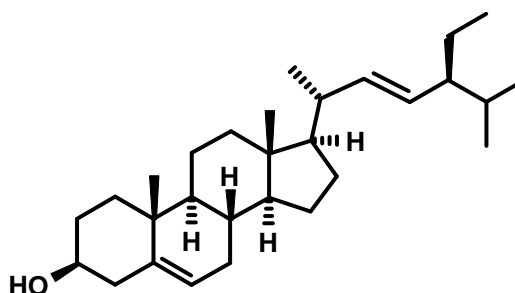
Stigmasterol

CAS 83-48-7

Syn: (3 β -,22E)-Stigmasta-5,22-dien-3-ol; Stigmasterin;
3 β -Hydroxy-24-ethyl- Δ^5 ,22-cholestadiene

Quality: Grade 1: > 95%; Grade 2: > 90%

Structure:



Mol. Formula
Source

C₂₉H₄₈O
Soya beans

Mol. Wt.

412.7

Test

Specification

Identity	IR	
Appearance	White microcryst. solid	
	<u>Grade 1</u>	<u>Grade 2</u>
Stigmasterol (glpc, area%)	> 95%	> 90%
β -Sitosterol	< 5%	< 10%
Brassicasterol	< 2%	< 5%
Campesterol	< 2%	< 5%
LOD	< 2%	
Ash (residue on ignition)	< 1%	
Heavy metals (Pb)	< 10 ppm	
As	< 1 ppm	
<u>Microbiological Specifications</u>		
Total Plate Count	< 100 CFU/g	
<i>E. Coli</i>	Negative	
<i>Salmonella</i>	Negative	
Yeast & Mold	< 100 CFU/g	

Storage: Maintain in cool, dry containment.