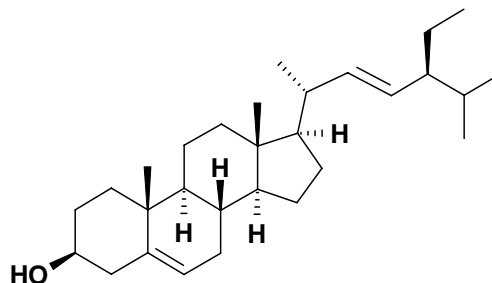


Product Specifications

Name β -Stigmasterol
Syn. (3 β -,22E)-Stigmasta-5,22-dien-3-ol; Stigmasterin;
3 β -Hydroxy-24-ethyl- δ .5,22-cholestadiene
CAS No. 83-48-7
EG/EC 2014827



Mol. Formula $C_{29}H_{48}O$
Mol. Weight 412.7

Test

Specification

Appearance	White, microcryst. solid
Odor	Practically odorless
Identity	IR
Mp	166-168 °C (Lit.)
Assay (hplc)	Two grades: > 85% and \geq 95%
Specific Rotation, $[\alpha]_D^{25}$	$-50 \pm 3^\circ$, c = 2% in $CHCl_3$; [Lit.]
Residue on Ignition	< 0.4%
Heavy Metals	< 1 ppm (As); <10 ppm (Pb)
LOD	< 1%
Principal Impurities	Brassicasterol β -Sitosterol
