





凯美亚化学有限公司
KEMIACHEM CO., LIMITED.

Technical Data Sheet

Product Name	STIGMASTEROL																
Synonyms	3BETA-HYDROXY-24-ETHYL-5,22-CHOLESTADIENE;[3B-HYDROXY-24-ETHYL-D] ZZ-CHOLESTADIENE;5,22-STIGMASTADIEN-3-BETA-OL																
CAS No	83-48-7																
Molecular Structure	<div><chem>CC(C)C/C=C\C(C)[C@H]1CC[C@@H]2[C@@]1(CC[C@H]3[C@H]2CC=C4[C@@]3(CC[C@@H](C4)O)C)C</chem></div> <div>C29H48O</div>																
Specification	<table><tr><td>ITEM</td><td>STANDARDS</td></tr><tr><td>APPEARANCE</td><td>WHITE CRYSTALLINE POWDER</td></tr><tr><td>SPECIFIC ROTATION</td><td>-50 ° (C=2, CHCL3)</td></tr><tr><td>CONTENT OF STIGMASTEROL</td><td>80% 90% 95%</td></tr><tr><td>LOSS ON DRYING</td><td>≤3.0%</td></tr><tr><td>HEAVY METALS</td><td>≤10PPM</td></tr><tr><td>AS</td><td>≤5PPM</td></tr></table>			ITEM	STANDARDS	APPEARANCE	WHITE CRYSTALLINE POWDER	SPECIFIC ROTATION	-50 ° (C=2, CHCL3)	CONTENT OF STIGMASTEROL	80% 90% 95%	LOSS ON DRYING	≤3.0%	HEAVY METALS	≤10PPM	AS	≤5PPM
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Application	<div>1. It used as synthetic raw material of steroid hormones. As a component of the plant sterol, its content is in commonly 20% or so.</div> <div>2. it is also the raw material of Vitamin D3. Stigmasterol also can be added in food and cosmetics as a kind of new functional ingredients.</div>																
Packing and Storage	Pack in aluminum foil bag and one plastic-bag inside. Net weight; Store in a well-closed container away from moisture and light.																
Packing	N.W.25kgs drum	<div></div>	<div></div>														