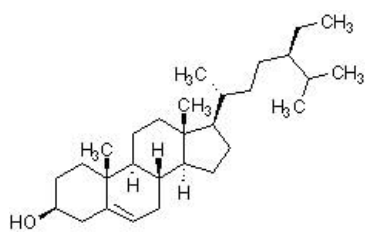


Product datasheet

beta-Sitosterol, Antitumor agent ab143122

1 Image

Overview

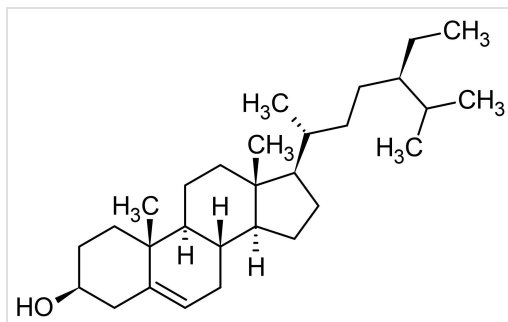
Product name	beta-Sitosterol, Antitumor agent
Description	Plant sterol. Various pharmacological effects. Antitumor agent
Biological description	Plant sterol. Various pharmacological effects. Antitumor agent. Activates caspase 3 and induces G2/M arrest and DNA fragmentation. Increases α -tubulin levels and promotes microtubule polymerization. Inhibits dietary cholesterol absorption <i>in vivo</i> . Orally active.
Purity	> 98%
CAS Number	83-46-5
Chemical structure	

Properties

Chemical name	(3S,8S,9S,10R,13R,14S,17R)-17-[(2R,5R)-5-ethyl-6-methylheptan-2-yl]-10,13-dimethyl-2,3,4,7,8,9,11,12,14,15,16,17-dodecahydro-1H-cyclopenta[a]phenanthren-3-ol
Molecular weight	414.71
Molecular formula	C ₂₉ H ₅₀ O
PubChem identifier	222284
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>

SMILESCCC(CCC(C)C1CCC2C1(CCC3C2CC=C4C3(CCC(C4)O)C)C(C)C**Source**

Synthetic

Images

2D chemical structure image of ab143122, beta-Sitosterol, Antitumor agent

Chemical Structure - beta-Sitosterol, Antitumor agent (ab143122)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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