



Formula: C₂₉H₄₈O

MW: 412.7

CAS: 83-48-7

MDL: MFCD08741667

TNP: TNP00384

3BETA-HYDROXY-24-ETHYL-5,22-CHOLESTADIENE; [3B-HYDROXY-24-ETHYL-D]
ZZ-CHOLESTADIENE; 5,22-STIGMASTADIEN-3-BETA-OL;
5,22-CHOLESTADIEN-24B-ETHYL-3BETA-OL;
5,22-CHOLESTADIEN-24BETA-ETHYL-3BETA-OL; (24S)-5,22-STIGMASTADIEN-3BETA-OL;
STIGMASTEROL; STIGMASTERIN



LogP: 2.41

LogS: -4.61

Acceptors: 1

Donors: 1

Rotation Bonds: 4

Chiral Centers: 9

N+O: 1

LIPINSKY: 4

Info: Stigmasterol 95%

IUPAC: 14-((2E)(4S,1R)-4-ethyl-1,5-dimethylhex-2-enyl)(1S,5S,10S,11S,2R,14R,15R)-2,15-dimethyltetracyclo[8.7.0.0.0]heptadec-7-en-5-ol

Smiles:

C/[C@H]([C@@H]1([C]2(CC[C@H]3([C@H]([C@@H]2(CC1))(CC=C1C[C@H](CC[C]31C)O)))C))C=C[C@H](C(C)C)CC

Specification: Steroids; Biochemistry; Hydroxysteroids Stigmasterol Chemical Properties:

mp 165-167 C(lit.) alpha -50