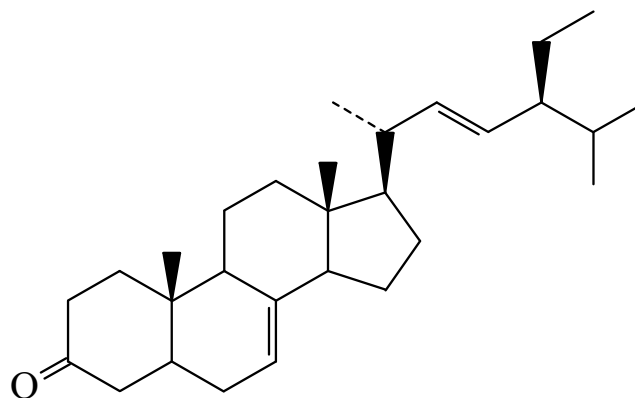




>>Entry Name: Stigmasta-7,22-dien-3-one, 9Cl
ENTRY UNDER REVIEW



Molecular Formula: C₂₉H₄₆O
Molecular Weight: 410.682
Accurate Mass: 410.354865
Percentage Composition: C 84.81%; H 11.29%; O 3.90%

>>Variant: (5 α ,22E,24S)-form
Synonym(s): α -Spinasterone

CAS Registry Number: 23455-44-9

Molecular Formula: C₂₉H₄₆O
Molecular Weight: 410.682
Accurate Mass: 410.354865
Percentage Composition: C 84.81%; H 11.29%; O 3.90%
Biological Source: Isol. from heartwood of *Albizzia julibrissin* and bark of *Acacia concinna*
Physical Description: Needles (Me₂CO)
Melting Point: Mp 170-172° (164-166°)
Optical Rotation: [α]_D²⁰ +23

>>Derivative: Oxime

Molecular Formula: C₂₉H₄₇NO
Molecular Weight: 425.696
Accurate Mass: 425.365764
Percentage Composition: C 81.82%; H 11.13%; N 3.29%; O 3.76%
Physical Description: Cryst. (Me₂CO)
Melting Point: Mp 239-241°

References:

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