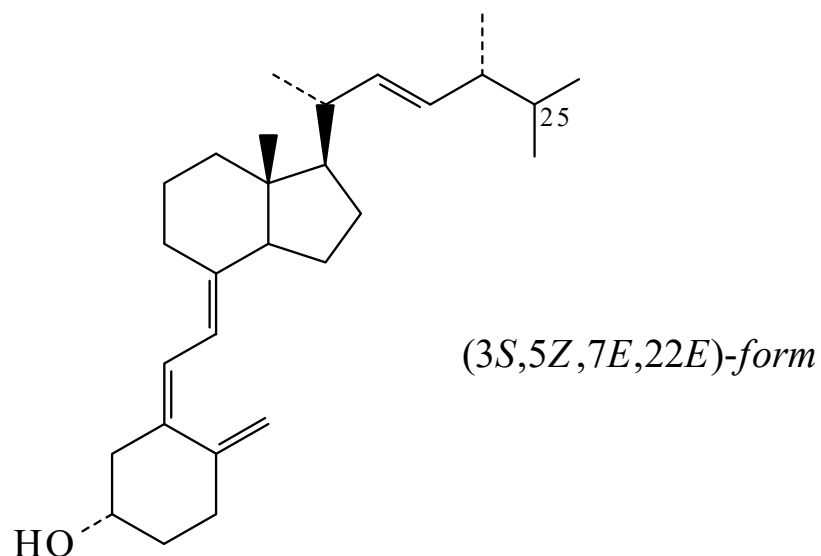




>>Entry Name: 9,10-Secoergosta-5,7,10(19),22-tetraen-3-ol, 9CI
ENTRY UNDER REVIEW



Related CAS Registry Numbers(s): 1061-48-9 1406-16-2 1784-46-9 3844-58-4 34026-98-7 39662-43-6 80265-34-5 84284-84-4 85704-61-6

Molecular Formula: C₂₈H₄₄O
Molecular Weight: 396.655
Accurate Mass: 396.339215
Percentage Composition: C 84.79%; H 11.18%; O 4.03%
Calculated Log P Data: Log P 9.39 (uncertain value) (calc)

>>Variant: (3*R*,5*Z*,7*E*,22*E*)-form
Synonym(s): 3-*Epi*-Vitamin D₂

CAS Registry Number: 116559-84-3

Molecular Formula: C₂₈H₄₄O
Molecular Weight: 396.655
Accurate Mass: 396.339215
Percentage Composition: C 84.79%; H 11.18%; O 4.03%
Physical Description: Cryst. (MeOH)
Melting Point: Mp 46-58°

>>Derivative: Benzoyl

CAS Registry Number: 116467-93-7
Molecular Formula: C₃₅H₄₈O₂
Molecular Weight: 500.763
Accurate Mass: 500.36543
Percentage Composition: C 83.95%; H 9.66%; O 6.39%
Physical Description: Cryst. (MeOH/Et₂O)
Melting Point: Mp 92-94°

>>Variant: (3*S*,5*E*,7*E*,22*E*)-form
Synonym(s): 5,6-*trans*-Vitamin D₂

CAS Registry Number: 51744-66-2

Molecular Formula: C₂₈H₄₄O
Molecular Weight: 396.655
Accurate Mass: 396.339215
Percentage Composition: C 84.79%; H 11.18%; O 4.03%
Physical Description: Cryst. (diisopropyl ether)
Melting Point: Mp 99-101° (87-90°)