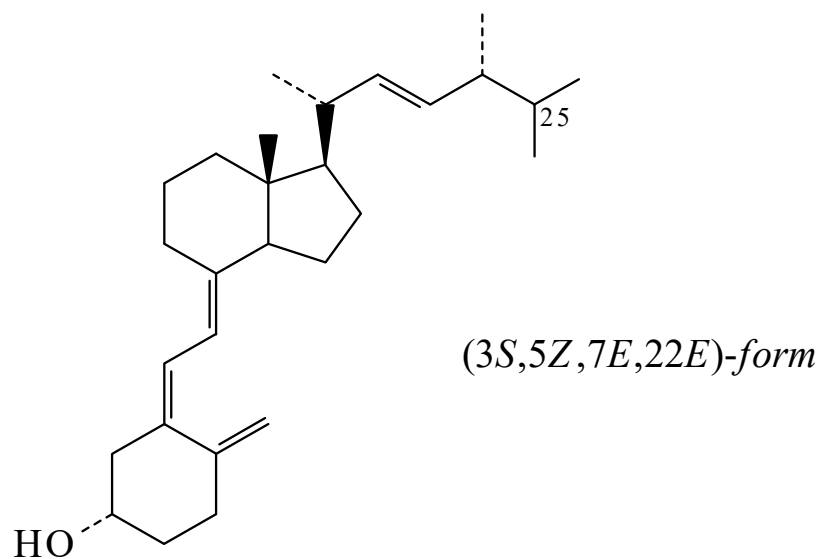




>>Entry Name: 9,10-Secoergosta-5,7,10(19),22-tetraen-3-ol, 9Cl  
ENTRY UNDER REVIEW



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: C<sub>28</sub>H<sub>44</sub>O  
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 D<sub>2</sub>

CAS Registry Number: 116559-84-3

Molecular Formula: C<sub>28</sub>H<sub>44</sub>O  
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: C<sub>35</sub>H<sub>48</sub>O<sub>2</sub>  
Molecular Weight: 500.763  
Accurate Mass: 500.36543  
Percentage Composition: C 83.95%; H 9.66%; O 6.39%  
Physical Description: Cryst. (MeOH/Et<sub>2</sub>O)  
Melting Point: Mp 92-94°

>>Variant: (3*S*,5*E*,7*E*,22*E*)-form  
Synonym(s): 5,6-*trans*-Vitamin D<sub>2</sub>

CAS Registry Number: 51744-66-2

Molecular Formula: C<sub>28</sub>H<sub>44</sub>O  
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°)