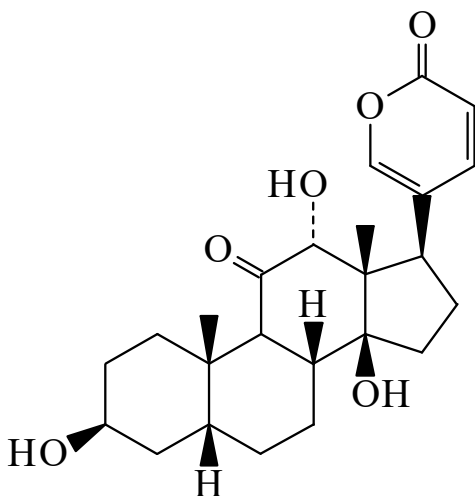




>>Entry Name: 3,12,14-Trihydroxy-11-oxobufa-20,22-dienolide



Molecular Formula: C₂₄H₃₂O₆

Molecular Weight: 416.513

Accurate Mass: 416.21989

Percentage Composition: C 69.21%; H 7.74%; O 23.05%

>>Variant: (3β,5β,12α,14β,17ξ)-form

Synonym(s): ψ-Bufarenogenin. Pseudobufarenenin. ψ-Bufarogen. Pseudobufarogen

CAS Registry Number: 17008-69-4

Molecular Formula: C₂₄H₃₂O₆

Molecular Weight: 416.513

Accurate Mass: 416.21989

Percentage Composition: C 69.21%; H 7.74%; O 23.05%

Biological Source: Isol. from the Chinese toad poison Ch'an Su

Melting Point: Mp 206-214°

Optical Rotation: [α]_D -61 (MeOH)

>>Derivative: 3,12-Di-Ac

Melting Point: Mp 137-144°

Optical Rotation: [α]_D -36 (CHCl₃)

>>Variant: (3β,5β,12β,14β,17ξ)-form

Synonym(s): Bufarenogenin. Bufarenogen

CAS Registry Number: 17008-65-0

Molecular Formula: C₂₄H₃₂O₆

Molecular Weight: 416.513

Accurate Mass: 416.21989

Percentage Composition: C 69.21%; H 7.74%; O 23.05%

Biological Source: Isol. from Ch'an Su

Melting Point: Mp 230-233°

Optical Rotation: [α]_D +11 (MeOH)

>>Derivative: 3,12-Di-Ac

Melting Point: Mp 288-290°

Optical Rotation: [α]_D +26 (CHCl₃)

References:

Huber, K. *et al.*, *Helv. Chim. Acta*, 1967, **50**, 1994, (*bibl*)