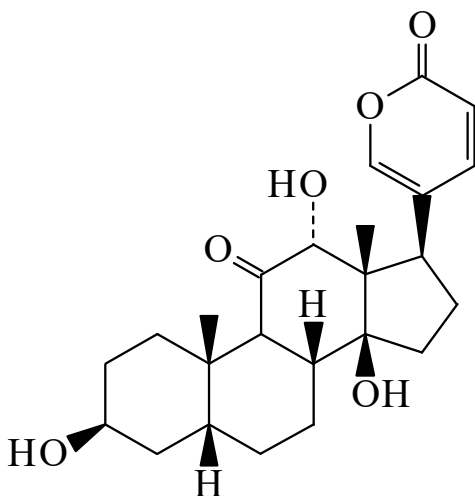




>>Entry Name: 3,12,14-Trihydroxy-11-oxobufa-20,22-dienolide



**Molecular Formula:** C<sub>24</sub>H<sub>32</sub>O<sub>6</sub>

**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:** C<sub>24</sub>H<sub>32</sub>O<sub>6</sub>

**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]<sub>D</sub> -61 (MeOH)

>>Derivative: 3,12-Di-Ac

**Melting Point:** Mp 137-144°

**Optical Rotation:** [α]<sub>D</sub> -36 (CHCl<sub>3</sub>)

>>Variant: (3β,5β,12β,14β,17ξ)-form

**Synonym(s):** Bufarenogenin. Bufarenogen

**CAS Registry Number:** 17008-65-0

**Molecular Formula:** C<sub>24</sub>H<sub>32</sub>O<sub>6</sub>

**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]<sub>D</sub> +11 (MeOH)

>>Derivative: 3,12-Di-Ac

**Melting Point:** Mp 288-290°

**Optical Rotation:** [α]<sub>D</sub> +26 (CHCl<sub>3</sub>)

#### References:

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