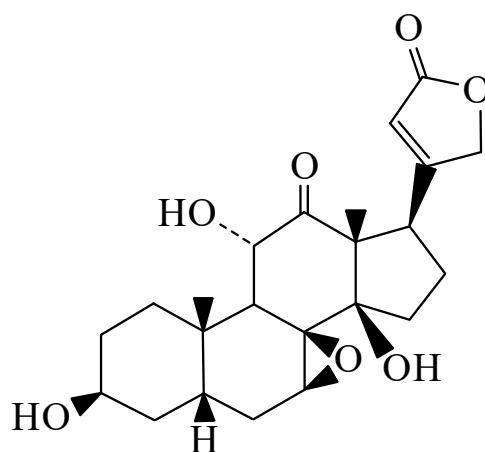




>>Entry Name: 7,8-Epoxy-3,11,14-trihydroxy-12-oxocard-20(22)-enolide



Molecular Formula: C₂₃H₃₀O₇

Molecular Weight: 418.486

Accurate Mass: 418.199155

Percentage Composition: C 66.01%; H 7.23%; O 26.76%

>>Variant: (3β,5β,7α,8α,11β,14β)-form

Molecular Formula: C₂₃H₃₀O₇

Molecular Weight: 418.486

Accurate Mass: 418.199155

Percentage Composition: C 66.01%; H 7.23%; O 26.76%

Biological Source: Constit. of *Cryptolepis buchanani*

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 220°

Other Data: Struct. diagrams in this paper are confusing

>>Derivative: 3-O-(2-Deoxy-β-D-glucopyranoside)

Synonym(s): Cryptosin

CAS Registry Number: 111420-57-6

Molecular Formula: C₂₉H₄₀O₁₁

Molecular Weight: 564.628

Accurate Mass: 564.257065

Percentage Composition: C 61.69%; H 7.14%; O 31.17%

>>Variant: (3β,5β,7β,11α)-form

Synonym(s): Sarverogenin

CAS Registry Number: 22146-03-8

Molecular Formula: C₂₃H₃₀O₇

Molecular Weight: 418.486

Accurate Mass: 418.199155

Percentage Composition: C 66.01%; H 7.23%; O 26.76%

Biological Source: Constit. of seeds of *Strophanthus sarmentosus*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 232-234°

Optical Rotation: [α]_D +48.5 (c, 0.16 in MeOH)

Other Data: Cryst. from MeOH aq. gives a lower-melting form Mp 120-188°