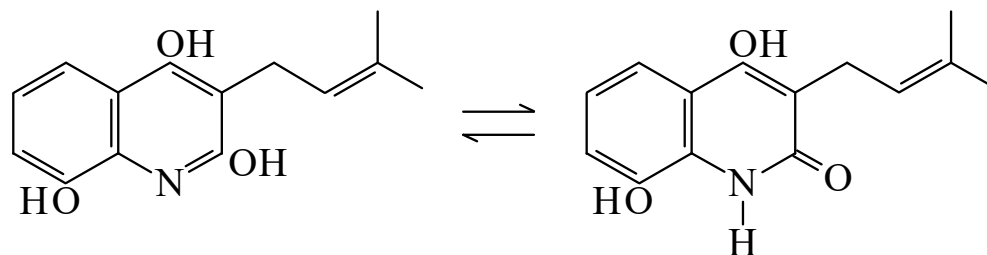




>>Entry Name: **2,4,8-Trihydroxy-3-prenylquinoline**

Synonym(s): 4,8-Dihydroxy-3-(3-methyl-2-butenyl)-2(1*H*)-quinolinone, 9CI



Molecular Formula: C₁₄H₁₅NO₃

Molecular Weight: 245.277

Accurate Mass: 245.105194

Percentage Composition: C 68.56%; H 6.16%; N 5.71%; O 19.57%

>>Derivative: 4,8-Di-Me ether

Synonym(s): 4,8-Dimethoxy-3-(3-methyl-2-butenyl)-2(1*H*)-quinolinone. 2-Hydroxy-4,8-dimethoxy-3-prenylquinoline. **Glycolone**

CAS Registry Number: 41303-26-8

Molecular Formula: C₁₆H₁₉NO₃

Molecular Weight: 273.331

Accurate Mass: 273.136494

Percentage Composition: C 70.31%; H 7.01%; N 5.12%; O 17.56%

Biological Source: Alkaloid from the leaves of *Glycosmis pentaphylla*

Physical Description: Cryst. (Me₂CO/petrol)

Melting Point: Mp 118°

>>Variant: *NH*-form

Molecular Formula: C₁₄H₁₅NO₃

Molecular Weight: 245.277

Accurate Mass: 245.105194

Percentage Composition: C 68.56%; H 6.16%; N 5.71%; O 19.57%

>>Derivative: *O*⁴,*N*-Di-Me

Synonym(s): 8-Hydroxy-4-methoxy-1-methyl-3-(3-methyl-2-butenyl)-2(1*H*)-quinolinone, 9CI. **Glycosolone**

CAS Registry Number: 67879-81-6

Molecular Formula: C₁₆H₁₉NO₃

Molecular Weight: 273.331

Accurate Mass: 273.136494

Percentage Composition: C 70.31%; H 7.01%; N 5.12%; O 17.56%

Biological Source: Alkaloid from the root bark of *Glycosmis pentaphylla* (Rutaceae)

Physical Description: Light-yellow cryst. (C₆H₆/petrol)

Melting Point: Mp 159°

>>Derivative: *O*⁸,*N*-Di-Me

Synonym(s): 4-Hydroxy-8-methoxy-1-methyl-3-(3-methyl-2-butenyl)-2(1*H*)-quinolinone, 9CI. **Glycophyllone**

CAS Registry Number: 41303-24-6

Molecular Formula: C₁₆H₁₉NO₃

Molecular Weight: 273.331

Accurate Mass: 273.136494

Percentage Composition: C 70.31%; H 7.01%; N 5.12%; O 17.56%

Melting Point: Mp 151°