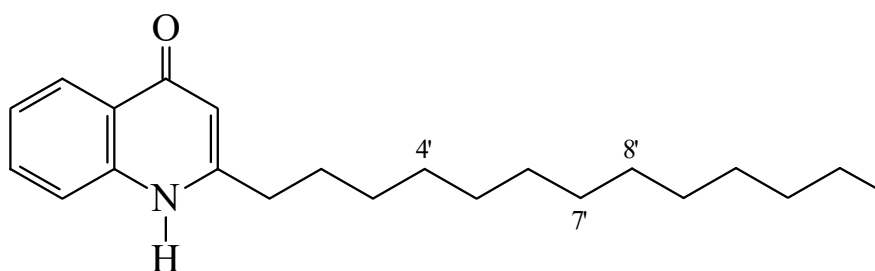




>>Entry Name: 2-Tridecyl-4(1*H*)-quinolinone

Synonym(s): 4-Hydroxy-2-tridecylquinoline



Molecular Formula: C₂₂H₃₃NO

Molecular Weight: 327.509

Accurate Mass: 327.256214

Percentage Composition: C 80.68%; H 10.16%; N 4.28%; O 4.89%

Biological Source: Alkaloid from fruits of *Evodia rutaecarpa*

Physical Description: Amorph. powder

Melting Point: Mp 132-134°

>>Derivative: *N*-Me

Synonym(s): 1-Methyl-2-tridecyl-4(1*H*)-quinolinone, 9Cl. **Dihydroevocarpine**

CAS Registry Number: 15266-35-0

Molecular Formula: C₂₃H₃₅NO

Molecular Weight: 341.536

Accurate Mass: 341.271864

Percentage Composition: C 80.89%; H 10.33%; N 4.10%; O 4.68%

Biological Source: Alkaloid from the leaves and fruits of *Evodia rutaecarpa* (Rutaceae)

Physical Description: Needles (EtOAc/Et₂O)

Melting Point: Mp 74-75° (57°)

>>Derivative: 7',8'-Didehydro, *N*-Me (Z-)

Synonym(s): 1-Methyl-2-(7-tridecenyl)-4(1*H*)-quinolinone

CAS Registry Number: 182056-19-5

Molecular Formula: C₂₃H₃₃NO

Molecular Weight: 339.52

Accurate Mass: 339.256214

Percentage Composition: C 81.37%; H 9.80%; N 4.13%; O 4.71%

Biological Source: Alkaloid from fruits of *Evodia rutaecarpa*

Physical Description: Oil

Other Data: Isol. as an inseparable mixt. with Evocarpine

>>Derivative: 8',9'-Didehydro, *N*-Me

Synonym(s): 1-Methyl-2-(8-tridecenyl)-4(1*H*)-quinolinone. **Evocarpine**

CAS Registry Number: 15266-38-3

Molecular Formula: C₂₃H₃₃NO

Molecular Weight: 339.52

Accurate Mass: 339.256214

Percentage Composition: C 81.37%; H 9.80%; N 4.13%; O 4.71%

Biological Source: Alkaloid from the fruit of *Evodia rutaecarpa* (Rutaceae)

Melting Point: Mp 34-38°

Other Data: Geometry of side-chain double bond not definitely known, inferred to be probably (Z-)

>>Derivative: 8',9'-Didehydro, *N*-Me, picrate

Melting Point: Mp 96-96.5°