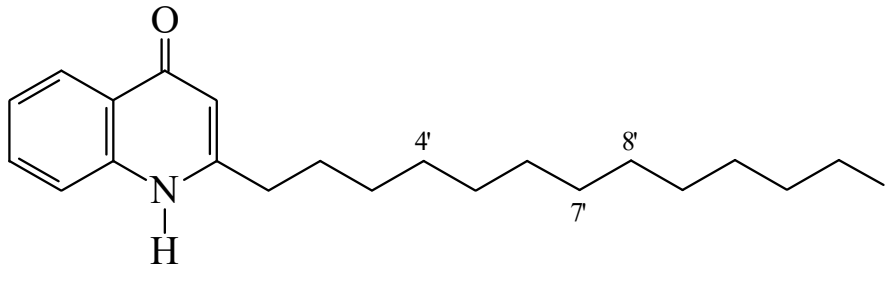
>>**Entry Name: 2-Tridecyl-4(1*H*)-quinolinone**
Synonym(s): 4-Hydroxy-2-tridecylquinoline



Molecular Formula: $C_{22}H_{33}NO$
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: $C_{23}H_{35}NO$
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 ($EtOAc/Et_2O$)
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: $C_{23}H_{33}NO$
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: $C_{23}H_{33}NO$
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°