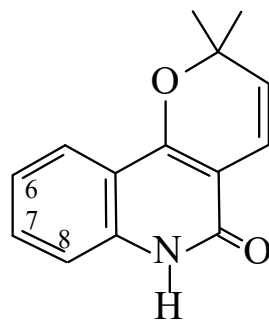




>>Entry Name: Flindersine

Synonym(s): 2,6-Dihydro-2,2-dimethyl-5*H*-pyrano[3,2-*c*]quinolin-5-one, 9Cl



CAS Registry Number: 523-64-8

Molecular Formula: C₁₄H₁₃NO₂

Molecular Weight: 227.262

Accurate Mass: 227.094629

Percentage Composition: C 73.99%; H 5.77%; N 6.16%; O 14.08%

Biological Source: Alkaloid from *Flindersia australis*, *Haplophyllum perforatum* and several other spp. (Flindersiaceae, Rutaceae)

Melting Point: Mp 195-196 dec.°

UV: [neutral] λ_{max} 235 (); 333 (); 350 (); 365 () (MeOH) (Berdy)

>>Derivative: *N*-Me

Synonym(s): *N*-Methylflindersine

CAS Registry Number: 50333-13-6

Molecular Formula: C₁₅H₁₅NO₂

Molecular Weight: 241.289

Accurate Mass: 241.110279

Percentage Composition: C 74.67%; H 6.27%; N 5.80%; O 13.26%

Biological Source: Alkaloid from *Fagara chalybea*, *Atalantia roxburghiana* and several other spp. (Rutaceae)

Melting Point: Mp 83-85°

UV: [neutral] λ_{max} 226 (ε 83176); 274 (ε 13800); 318 (ε 13490) (MeOH) (Berdy)

>>Derivative: *N*-Hydroxymethyl

Synonym(s): *N*-Hydroxymethylflindersine

CAS Registry Number: 96400-50-9

Molecular Formula: C₁₅H₁₅NO₃

Molecular Weight: 257.288

Accurate Mass: 257.105194

Percentage Composition: C 70.02%; H 5.88%; N 5.44%; O 18.66%

Biological Source: Alkaloid from the stems and leaves of *Haplophyllum buxbaumii* (Rutaceae)

Physical Description: Amorph.

Other Data: Possibly an artifact derived from Haplophylline [CFJ69-W](#) during extraction

>>Derivative: *N*-Acetoxymethyl

Synonym(s): *N*-Acetoxymethylflindersine

CAS Registry Number: 149998-45-8

Molecular Formula: C₁₇H₁₇NO₄

Molecular Weight: 299.326

Accurate Mass: 299.115759

Percentage Composition: C 68.22%; H 5.72%; N 4.68%; O 21.38%

Biological Source: Alkaloid from leaves of *Zanthoxylum simulans* (Rutaceae)

Physical Description: Oil