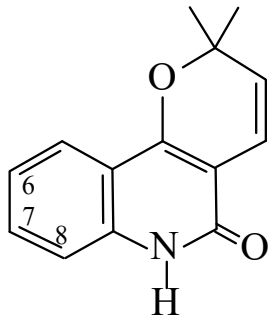
>>**Entry Name: Flindersine**
Synonym(s): 2,6-Dihydro-2,2-dimethyl-5*H*-pyrano[3,2-*c*]quinolin-5-one, 9Cl



CAS Registry Number: 523-64-8

Molecular Formula: $C_{14}H_{13}NO_2$
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: $C_{15}H_{15}NO_2$
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: $C_{15}H_{15}NO_3$
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: $C_{17}H_{17}NO_4$
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