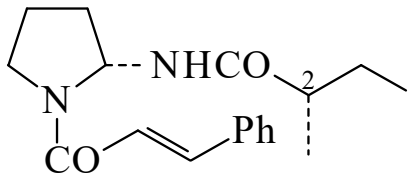
>>**Entry Name: Odorine**
Synonym(s): 2-Methyl-*N*-[1-(1-oxo-3-phenyl-2-propenyl)-2-pyrrolidinyl]butanamide, $_{9Cl}$. *N*-Cinnamoyl-2-(2-methylbutanoylamino)pyrrolidine. Roxburghiline



(+)-*form*

CAS Registry Number: 72755-20-5

Molecular Formula: $C_{18}H_{24}N_2O_2$
Molecular Weight: 300.4
Accurate Mass: 300.183778
Percentage Composition: C 71.97%; H 8.05%; N 9.33%; O 10.65%
UV: [neutral] λ_{max} 283 (ε 15800) (EtOH) (Derep) [neutral] λ_{max} 283 (ε 15850) (MeOH) (Berdy)

>>**Variant:** (+)-form

Molecular Formula: $C_{18}H_{24}N_2O_2$
Molecular Weight: 300.4
Accurate Mass: 300.183778
Percentage Composition: C 71.97%; H 8.05%; N 9.33%; O 10.65%
Biological Source: Alkaloid from the leaves of *Aglaia odorata*. Also isol. from *Aglaia roxburghiana* (Meliaceae)
Physical Description: Needles (C_6H_6)
Melting Point: Mp 218-219°
Optical Rotation: $[\alpha]_D^{25}$+72.4 (c, 0.03 in $CHCl_3$)

>>**Derivative:** 2,3-Didehydro
Synonym(s): Dehydroodorine

Molecular Formula: $C_{18}H_{22}N_2O_2$
Molecular Weight: 298.384
Accurate Mass: 298.168128
Percentage Composition: C 72.46%; H 7.43%; N 9.39%; O 10.72%
Biological Source: Alkaloid from leaves of *Aglaia formosana* (Meliaceae)
Use/Importance: Exhibits cytotoxicity against P-388 lymphocytic leukaemia system in cell culture
Physical Description: Needles (MeOH)
Melting Point: Mp 167-168°
Optical Rotation: $[\alpha]_D^{18}$+42.5 (c, 0.01 in $CHCl_3$)
UV: [neutral] λ_{max} 282 (ε 66000) (MeOH) (Berdy)

>>**Derivative:** 2'-Epimer
Synonym(s): 5'-Epiodorine

CAS Registry Number: 73069-04-2

Molecular Formula: $C_{18}H_{24}N_2O_2$
Molecular Weight: 300.4
Accurate Mass: 300.183778
Percentage Composition: C 71.97%; H 8.05%; N 9.33%; O 10.65%
Biological Source: Alkaloid from *Aglaia odorata*
Biological Use/Importance: Cytotoxic agent
Physical Description: Cryst.
Optical Rotation: $[\alpha]_D$ +34

>>**Derivative:** 2-Hydroxy
Synonym(s): (–)-Odorinol

CAS Registry Number: 85761-62-2