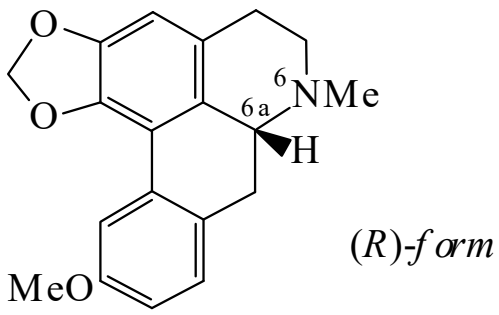
>>**Entry Name: Laureline**
Synonym(s): 10-Methoxy-1,2-methylenedioxyaporphine



(*R*)-*form*

Molecular Formula: $C_{19}H_{19}NO_3$
Molecular Weight: 309.364
Accurate Mass: 309.136494
Percentage Composition: C 73.77%; H 6.19%; N 4.53%; O 15.52%

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

CAS Registry Number: 81-38-9

Molecular Formula: $C_{19}H_{19}NO_3$
Molecular Weight: 309.364
Accurate Mass: 309.136494
Percentage Composition: C 73.77%; H 6.19%; N 4.53%; O 15.52%
Biological Source: Alkaloid from the bark of *Laurelia novae-zelandiae* and from the leaves, twigs and bark of *Hedycaria angustifolia* (Atherospermataceae, Monimiaceae)
Physical Description: Cryst. (petrol)
Melting Point: Mp 114°
Optical Rotation: $[\alpha]_D$ –97.7 (EtOH)

>>**Derivative:** Hydrochloride

Melting Point: Mp 280°

>>**Derivative:** Nitrate

Melting Point: Mp 238-240°

>>**Derivative:** Methiodide

Physical Description: Cryst. (EtOH)
Melting Point: Mp 223°

>>**Derivative:** *N*-De-Me
Synonym(s): Norlaureline. 10-Methoxy-1,2-methylenedioxynoraporphine

CAS Registry Number: 65012-41-1

Molecular Formula: $C_{18}H_{17}NO_3$
Molecular Weight: 295.337
Accurate Mass: 295.120844
Percentage Composition: C 73.20%; H 5.80%; N 4.74%; O 16.25%
Biological Source: Alkaloid from the stem bark of *Guatteria elata* (Annonaceae)
Other Data: Rapidly darkens on exp. to air and light

>>**Derivative:** *N*-De-Me, *N*-Ac

Physical Description: Cryst. (Me_2CO)
Melting Point: Mp 208-209°
Optical Rotation: $[\alpha]_D^{25}$–336 (c, 0.25 in MeOH)

>>**Derivative:** *N*-De-Me; 6,6*a*-didehydro
Synonym(s): 6,6*a*-Dehydronorlaureline