



Biological Source: Alkaloid from *Aglaia argentea* and *Aglaia forbesii*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D^{20} -8$ (c, 1 in MeOH)

UV: [neutral] $\lambda_{\max}$ 272 (log ϵ 3.6) (MeOH)

>> **Derivative:** 10-Epimer, 19,20-didehydro(*E*-)

Synonym(s): Elliptifoline

Molecular Formula: $C_{36}H_{40}N_2O_8$

Molecular Weight: 628.721

Accurate Mass: 628.278468

Percentage Composition: C 68.77%; H 6.41%; N 4.46%; O 20.36%

Biological Source: Alkaloid from *Aglaia elliptifolia*

Biological Use/Importance: Cytotoxic agent

Physical Description: Powder

Melting Point: Mp 184-185°

Optical Rotation: $[\alpha]_D^{22} -88.9$ (c, 0.6 in $CHCl_3$)

UV: [neutral] $\lambda_{\max}$ 273 (log ϵ 3.36) (MeOH)

>> **Derivative:** 3,4-Diepimer

Synonym(s): Aglaine C

CAS Registry Number: 177468-85-8

Molecular Formula: $C_{36}H_{42}N_2O_8$

Molecular Weight: 630.736

Accurate Mass: 630.294118

Percentage Composition: C 68.55%; H 6.71%; N 4.44%; O 20.29%

Biological Source: Alkaloid from *Aglaia argentea*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 180°

Optical Rotation: $[\alpha]_D^{20} -105$ (c, 1 in $CHCl_3$)

UV: [neutral] $\lambda_{\max}$ 271 (log ϵ 3.27) (MeOH)

>> **Derivative:** 3,4-Diepimer, 3'-hydroxy

Synonym(s): 3'-Hydroxyaglaine C

Molecular Formula: $C_{36}H_{42}N_2O_9$

Molecular Weight: 646.736

Accurate Mass: 646.289033

Percentage Composition: C 66.86%; H 6.55%; N 4.33%; O 22.26%

Biological Source: Alkaloid from *Aglaia odorata*

Optical Rotation: $[\alpha]$