



>>Derivative: 3'-Hydroxy, amide

Synonym(s): 3'-Hydroxy-*N,N*-didemethyrocamide

CAS Registry Number: 194609-34-2

Molecular Formula: C₂₇H₂₇NO₈

Molecular Weight: 493.512

Accurate Mass: 493.173669

Percentage Composition: C 65.71%; H 5.51%; N 2.84%; O 25.94%

Biological Source: Constit. of the flowers of *Aglaia odorata*

Biological Use/Importance: Insecticidal agent

Optical Rotation: $[\alpha]_{\text{D}}^{20} -44.1$ (c, 0.2 in CHCl₃)

>>Derivative: 3'-Hydroxy, methylamide

Synonym(s): 3'-Hydroxy-*N*-demethyrocamide

CAS Registry Number: 222854-53-7

Molecular Formula: C₂₈H₂₉NO₈

Molecular Weight: 507.539

Accurate Mass: 507.189319

Percentage Composition: C 66.26%; H 5.76%; N 2.76%; O 25.22%

Biological Source: Alkaloid from *Aglaia odorata*

Optical Rotation: $[\alpha]_{\text{D}}^{20} -59.5$ (c, 0.25 in CHCl₃)

>>Derivative: 3'-Hydroxy, dimethylamide

Synonym(s): 3'-Hydroxyrocamide

CAS Registry Number: 189322-67-6

Molecular Formula: C₂₉H₃₁NO₈

Molecular Weight: 521.566

Accurate Mass: 521.204969

Percentage Composition: C 66.78%; H 5.99%; N 2.69%; O 24.54%

Biological Source: Constit. of *Aglaia duperreana* and *Aglaia odorata*

Optical Rotation: $[\alpha]_{\text{D}}^{20} -89.7$ (c, 0.21 in CHCl₃)

>>Derivative: 3'-Hydroxy, 1-*O*-formyl, Me ester

Molecular Formula: C₂₉H₂₈O₁₀

Molecular Weight: 536.534

Accurate Mass: 536.16825

Percentage Composition: C 64.92%; H 5.26%; O 29.82%

Biological Source: Constit. of *Aglaia spectabilis*

Optical Rotation: $[\alpha]_{\text{D}} -37.4$ (c, 2.9 in EtOH)

>>Derivative: 3'-Hydroxy, 1-Ac, Me ester

CAS Registry Number: 194609-38-6

Molecular Formula: C₃₀H₃₀O₁₀

Molecular Weight: 550.561

Accurate Mass: 550.1839

Percentage Composition: C 65.45%; H 5.49%; O 29.06%

Biological Source: Constit. of the flowers of *Aglaia odorata*

Optical Rotation: $[\alpha]_{\text{D}}^{20} -56.3$ (c, 0.1 in CHCl₃)

>>Derivative: 3'-Hydroxy, 1-Ac, methylamide

CAS Registry Number: 222854-55-9

Molecular Formula: C₃₀H₃₁NO₉

Molecular Weight: 549.576

Accurate Mass: 549.199884

Percentage Composition: C 65.57%; H 5.69%; N 2.55%; O 26.20%

Biological Source: Constit. of the flowers of *Aglaia odorata*

Optical Rotation: $[\alpha]_{\text{D}}^{20} -44.9$ (c, 0.1 in CHCl₃)