Accurate Mass: 385.188924
Percentage Composition: C 68.55%; H 7.06%; N 3.63%; O 20.75%
Biological Source: Alkaloid from *Colchicum speciosum*
Melting Point: Mp 158-160°
Optical Rotation: $[\alpha]_D$ +321

>>**Derivative:** O^2-De-Me
Synonym(s): 2-*O*-Demethyl-β-lumicolchicine

CAS Registry Number: 18172-24-2

Molecular Formula: $C_{21}H_{23}NO_6$
Molecular Weight: 385.416
Accurate Mass: 385.152539
Percentage Composition: C 65.44%; H 6.01%; N 3.63%; O 24.91%
Biological Source: Alkaloid from *Colchicum autumnale, Colchicum keselringii*, *Gloriosa superba* and *Wurmbea* spp.
Physical Description: Cryst. (EtOAc)
Melting Point: Mp 198-200°
Optical Rotation: $[\alpha]_D^{20}$+337 (c, 0.45 in $CHCl_3$)

>>**Derivative:** O^3-De-Me
Synonym(s): 3-*O*-Demethyl-β-lumicolchicine

CAS Registry Number: 30632-52-1

Molecular Formula: $C_{21}H_{23}NO_6$
Molecular Weight: 385.416
Accurate Mass: 385.152539
Percentage Composition: C 65.44%; H 6.01%; N 3.63%; O 24.91%
Biological Source: Alkaloid from *Colchicum* spp., *Gloriosa superba* and *Merendera raddeana*
Melting Point: Mp 235°
Optical Rotation: $[\alpha]_D^{22}$+316 ($CHCl_3$)

>>**Derivative:** 3-*O*-De-Me, *N*-de-Ac, *N*-formyl
Synonym(s): *N*-Deacetyl-*N*-formyl-3-*O*-demethyl-β-lumicolchicine

CAS Registry Number: 18172-25-3

Molecular Formula: $C_{20}H_{21}NO_6$
Molecular Weight: 371.389
Accurate Mass: 371.136889
Percentage Composition: C 64.68%; H 5.70%; N 3.77%; O 25.85%
Biological Source: Alkaloid from *Colchicum decaisnei* and *Gloriosa superba* (Liliaceae)
Physical Description: Cryst. (MeOH/EtOAc)
Melting Point: Mp 229-230°
Optical Rotation: $[\alpha]_D$ +240 (c, 0.12 in MeOH)

>>**Derivative:** 8,12-Diepimer
Synonym(s): γ-Lumicolchicine. Lumicolchicine. Lumicolchicine II. Substance J

CAS Registry Number: 6901-14-0

Molecular Formula: $C_{22}H_{25}NO_6$
Molecular Weight: 399.443
Accurate Mass: 399.168189
Percentage Composition: C 66.15%; H 6.31%; N 3.51%; O 24.03%
Biological Source: Alkaloid from *Colchicum* spp., *Merendera* spp. and others, as artifact of illumination of Colchicine CFR10-M and poss. as genuine alkaloid (Liliaceae)
Physical Description: Cryst. (EtOAc/Et_2O, dioxan or anisole)
Melting Point: Mp 268°
Optical Rotation: $[\alpha]_D^{18}$–445 (c, 1 in $CHCl_3$)
UV: [neutral] λ_{max} 265 () (EtOH) (Berdy)
Sigma: C0148

>>**Derivative:** 5,12-Diepimer, *N*-de-Ac, *N*-formyl
Synonym(s): *N*-Deacetyl-*N*-formyl-γ-lumicolchicine

CAS Registry Number: 18172-22-0