



UV: [neutral] $\lambda_{\max}$ 264 (log ϵ 4.78); 294 (log ϵ 3.98); 315 (log ϵ 4.01); 335 (log ϵ 3.66) (EtOH)

>>Derivative: *O*- β -D-Glucopyranoside

Synonym(s): **Cleistanthin B**

CAS Registry Number: 30021-77-3

Type of Compound Code(s): VO0700

Molecular Formula: $C_{27}H_{26}O_{12}$

Molecular Weight: 542.495

Accurate Mass: 542.14243

Percentage Composition: C 59.78%; H 4.83%; O 35.39%

Biological Source: From *Cleistanthus collinus*

>>Derivative: *O*-[3-*O*-Methyl- β -D-glucopyranoside]

Synonym(s): **3''-*O*-Methylcleistanthin B**

CAS Registry Number: 213891-69-1

Type of Compound Code(s): VO0700

Molecular Formula: $C_{28}H_{28}O_{12}$

Molecular Weight: 556.522

Accurate Mass: 556.15808

Percentage Composition: C 60.43%; H 5.07%; O 34.50%

Biological Source: Constit. of *Cleistanthus collinus*

Physical Description: Needles (CHCl₃/MeOH)

Melting Point: Mp 152-153°

Optical Rotation: $[\alpha]_D^{20}$ -20.2

UV: [neutral] $\lambda_{\max}$ 234 (log ϵ 4.01); 268 (log ϵ 4.45); 292 (log ϵ 3.43); 310 (log ϵ 3.73); 364 (log ϵ 3.17) (MeOH)

>>Derivative: *O*-[α -L-Arabinopyranosyl-(1 $\rightarrow$ 6)- β -D-glucopyranoside]

Synonym(s): **Arabelline**

CAS Registry Number: 133084-20-5

Type of Compound Code(s): VO0700

Molecular Formula: $C_{32}H_{34}O_{16}$

Molecular Weight: 674.611

Accurate Mass: 674.18469

Percentage Composition: C 56.97%; H 5.08%; O 37.95%

Biological Source: Isol. from *Haplophyllum buxbaumii*

Optical Rotation: $[\alpha]_D^{24}$ -30.8 (c, 0.26 in MeOH)

>>Derivative: *O*-[β -D-Xylopyranosyl-(1 $\rightarrow$ 2)- β -D-apiofuranoside]

Synonym(s): **Majidine**

CAS Registry Number: 133084-18-1

Type of Compound Code(s): VO0700

Molecular Formula: $C_{31}H_{32}O_{15}$

Molecular Weight: 644.585

Accurate Mass: 644.174125

Percentage Composition: C 57.76%; H 5.00%; O 37.23%

Biological Source: Isol. from *Haplophyllum buxbaumii*

Optical Rotation: $[\alpha]_D^{24}$ -32.3 (c, 0.62 in MeOH)

>>Derivative: *O*-[2,3-Di-*O*-methyl- β -D-xylopyranosyl-(1 $\rightarrow$ 4)- β -D-glucopyranoside]

Synonym(s): **Cleistanthin C**

CAS Registry Number: 57576-58-6

Type of Compound Code(s): VO0700

Molecular Formula: $C_{34}H_{38}O_{16}$

Molecular Weight: 702.665

Accurate Mass: 702.21599

Percentage Composition: C 58.12%; H 5.45%; O 36.43%

Biological Source: From *Cleistanthus collinus*

Melting Point: Mp 220-221°

Optical Rotation: $[\alpha]_D$ -33 (c, 1 in dioxan)