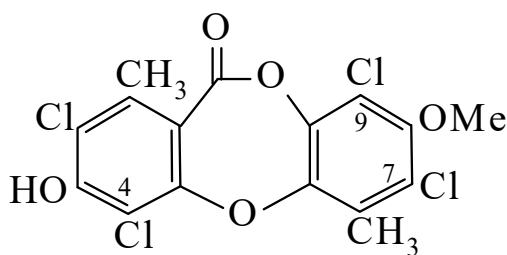




>>Entry Name: **Diploicin**

Synonym(s): 2,4,7,9-Tetrachloro-3-hydroxy-8-methoxy-1,6-dimethyl-11*H*-dibenzo[*b,e*][1,4]dioxepin-11-one, 9Cl



CAS Registry Number: 527-93-5

Type of Compound Code(s): VG0610

Molecular Formula: C₁₆H₁₀Cl₄O₅

Molecular Weight: 424.063

Accurate Mass: 421.928233

Percentage Composition: C 45.32%; H 2.38%; Cl 33.44%; O 18.86%

Biological Source: Isol. from the lichens *Buellia canescens*, *Lecidea carpathica* and *Psoroma dimorphum*

Melting Point: Mp 232°

Solubility: BERDY SOL: Sol. bases, MeOH; poorly sol. H₂O

>>Derivative: Me ether

Synonym(s): *O*-Methyldiploicin

CAS Registry Number: 19314-80-8

Type of Compound Code(s): VG0610

Molecular Formula: C₁₇H₁₂Cl₄O₅

Molecular Weight: 438.09

Accurate Mass: 435.943883

Percentage Composition: C 46.61%; H 2.76%; Cl 32.37%; O 18.26%

Biological Source: Constit. of *Buellia canescens*

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 220°

>>Derivative: 4-Dechloro

Synonym(s): Dechlorodiploicin

CAS Registry Number: 69709-90-6

Type of Compound Code(s): VG0610

Molecular Formula: C₁₆H₁₁Cl₃O₅

Molecular Weight: 389.618

Accurate Mass: 387.967206

Percentage Composition: C 49.32%; H 2.85%; Cl 27.30%; O 20.53%

Biological Source: From *Buellia canescens*

Melting Point: Mp 272.5-274°

>>Derivative: 4-Dechloro, Me ether

Synonym(s): Dechloro-*O*-methyldiploicin

CAS Registry Number: 69709-93-9

Type of Compound Code(s): VG0610

Molecular Formula: C₁₇H₁₃Cl₃O₅

Molecular Weight: 403.645

Accurate Mass: 401.982856

Percentage Composition: C 50.59%; H 3.25%; Cl 26.35%; O 19.82%

Biological Source: From *Buellia canescens*

Physical Description: Needles (petrol)

Melting Point: Mp 230-231.5°