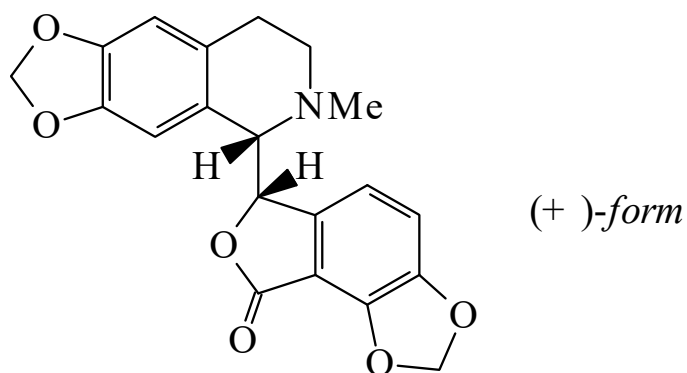




>>Entry Name: Adlumidine

Synonym(s): (*R*^{*},*R*^{*})-6-(5,6,7,8-Tetrahydro-6-methyl-1,3-dioxolo[4,5-*g*]isoquinolin-5-yl)furo[3,4-*e*]-1,3-benzodioxol-8(6*H*)-one, 9Cl



Molecular Formula: C₂₀H₁₇NO₆

Molecular Weight: 367.357

Accurate Mass: 367.105589

Percentage Composition: C 65.39%; H 4.66%; N 3.81%; O 26.13%

General Statement: Diastereoisomer of Bicuculline [CFH23-U](#)

>>Variant: (+)-form

CAS Registry Number: 550-49-2

Molecular Formula: C₂₀H₁₇NO₆

Molecular Weight: 367.357

Accurate Mass: 367.105589

Percentage Composition: C 65.39%; H 4.66%; N 3.81%; O 26.13%

Biological Source: Alkaloid from *Corydalis decumbens*, *Corydalis gigantea*, *Corydalis incisa*, *Corydalis ochotensis*, *Corydalis ochroleuca*, *Corydalis remota*, *Corydalis sibirica*, *Corydalis thalictrifolia*, *Fumaria indica*, *Fumaria parviflora* and *Adlumia fungosa* (*Adlumia cirrhosa*)(Fumariaceae, Papaveraceae)

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 239-240° (237°)

Optical Rotation: [α]_D²⁰+116.2 (c, 2 in CHCl₃)

>>Variant: (–)-form

Synonym(s): Capnoidine

CAS Registry Number: 485-50-7

Molecular Formula: C₂₀H₁₇NO₆

Molecular Weight: 367.357

Accurate Mass: 367.105589

Percentage Composition: C 65.39%; H 4.66%; N 3.81%; O 26.13%

Biological Source: Alkaloid from *Corydalis cava*, *Corydalis crystallina*, *Corydalis gigantea*, *Corydalis gortschakovii*, *Corydalis marshalliana*, *Corydalis pseudo-adunca*, *Corydalis sempervirens* and *Fumaria vaillantii* (Fumariaceae)

Physical Description: Cryst. (CHCl₃/MeOH)

Melting Point: Mp 239° (235°)

Optical Rotation: [α]_D²²–113.2 (c, 0.8 in CHCl₃) (–100)

>>Variant: (±)-form

CAS Registry Number: 64397-08-6

Molecular Formula: C₂₀H₁₇NO₆

Molecular Weight: 367.357

Accurate Mass: 367.105589

Percentage Composition: C 65.39%; H 4.66%; N 3.81%; O 26.13%

Biological Source: Alkaloid from *Corydalis rosea*

Physical Description: Cryst. (CHCl₃/MeOH, MeOH or C₆H₆/Me₂CO)

Melting Point: Mp 205° (184-186°, 198-199°)

References: