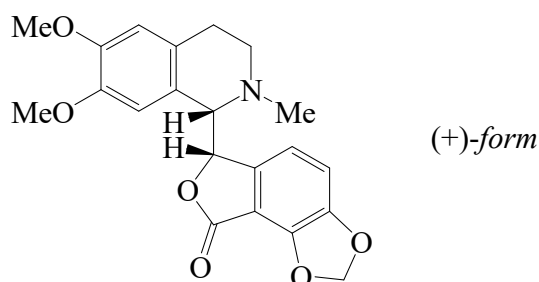




>>Entry Name: Adlumine
ENTRY UNDER REVIEW



Molecular Formula: C₂₁H₂₁NO₆

Molecular Weight: 383.4

Accurate Mass: 383.136889

Percentage Composition: C 65.79%; H 5.52%; N 3.65%; O 25.04%

>>Variant: (+)-form

CAS Registry Number: 524-46-9

Molecular Formula: C₂₁H₂₁NO₆

Molecular Weight: 383.4

Accurate Mass: 383.136889

Percentage Composition: C 65.79%; H 5.52%; N 3.65%; O 25.04%

Biological Source: Alkaloid from *Adlumia fungosa* (*Adlumia cirrhosa*) and *Fumaria rostellata* (Papaveraceae, Fumariaceae)

Melting Point: Mp 180°

Optical Rotation: [α]_D +42 (CHCl₃)

>>Variant: (–)-form

CAS Registry Number: 21414-43-7

Molecular Formula: C₂₁H₂₁NO₆

Molecular Weight: 383.4

Accurate Mass: 383.136889

Percentage Composition: C 65.79%; H 5.52%; N 3.65%; O 25.04%

Biological Source: Alkaloid from *Corydalis scouleri*, *Corydalis ophiocarpa*, *Corydalis rosea*, *Corydalis gortschakovii*, *Corydalis gigantea*, *Corydalis sempervirens*, *Fumaria kralikii*, *Fumaria parviflora* and *Fumaria vaillantii* (Fumariaceae)

Physical Description: Cryst. (CHCl₃ or CHCl₃/MeOH)

Melting Point: Mp 178-180°

Optical Rotation: [α] –51