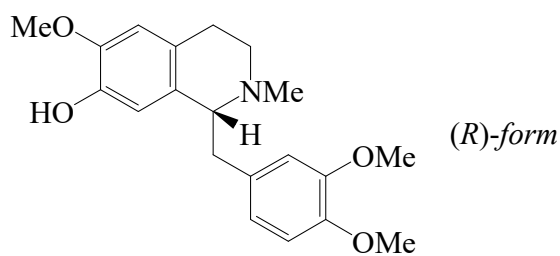




>>Entry Name: Codamine



Molecular Formula: C₂₀H₂₅NO₄

Molecular Weight: 343.422

Accurate Mass: 343.178359

Percentage Composition: C 69.95%; H 7.34%; N 4.08%; O 18.64%

>>Variant: (R)-form

CAS Registry Number: 21052-10-8

Molecular Formula: C₂₀H₂₅NO₄

Molecular Weight: 343.422

Accurate Mass: 343.178359

Percentage Composition: C 69.95%; H 7.34%; N 4.08%; O 18.64%

Physical Description: Cryst. (petrol)

Melting Point: Mp 127-128°

Optical Rotation: [α]_D¹⁷ -68.8 (c, 1 in EtOH)

>>Derivative: Hydrochloride

Physical Description: Cryst. (CHCl₃/Et₂O)

Melting Point: Mp 120-125°

Optical Rotation: [α]_D¹⁸ -56 (c, 0.5 in H₂O)

>>Derivative: Picrate

Physical Description: Cryst. (2-propanol)

Melting Point: Mp 147-149°

Optical Rotation: [α]_D²⁴ -84.4 (c, 1 in CHCl₃)

>>Derivative: Methiodide

Physical Description: Cryst. (2-propanol)

Melting Point: Mp 200-200.5°

Optical Rotation: [α]_D²⁰ -100 (c, 1 in EtOH)

>>Variant: (S)-form

CAS Registry Number: 21040-59-5

Molecular Formula: C₂₀H₂₅NO₄

Molecular Weight: 343.422

Accurate Mass: 343.178359

Percentage Composition: C 69.95%; H 7.34%; N 4.08%; O 18.64%

Biological Source: Minor constit. of opium, of *Bongardie chrysogonum*, *Guatteria chrysopetala* (Annonaceae), and *Argemone grandiflora*

Physical Description: Cryst. (petrol)

Melting Point: Mp 126-127°

Optical Rotation: [α]_D¹⁵ +66.1 (c, 1 in EtOH)

>>Derivative: Hydrochloride

Physical Description: Cryst. (CHCl₃/Et₂O)

Melting Point: Mp 123°

Optical Rotation: [α]_D¹⁸ +59 (c, 0.5 in H₂O)

Other Data: No CAS Reg No to CA 125.

>>Derivative: Picrate

Melting Point: Mp 147-149°