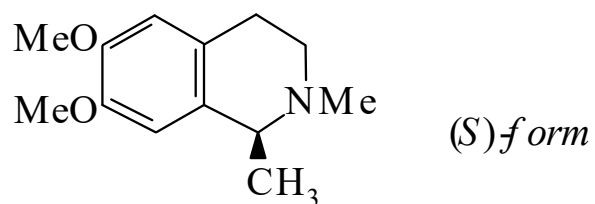




>>Entry Name: 1,2,3,4-Tetrahydro-6,7-dimethoxy-1,2-dimethylisoquinoline, 9CI

Synonym(s): Carnegine. Pectenine $\ddagger$. *N*-Methylsalsolidine



Molecular Formula: C₁₃H₁₉NO₂

Molecular Weight: 221.299

Accurate Mass: 221.141579

Percentage Composition: C 70.56%; H 8.65%; N 6.33%; O 14.46%

>>Variant: (*R*)-form

CAS Registry Number: 51745-28-9

Molecular Formula: C₁₃H₁₉NO₂

Molecular Weight: 221.299

Accurate Mass: 221.141579

Percentage Composition: C 70.56%; H 8.65%; N 6.33%; O 14.46%

Source/Synthesis: Synthetic

Physical Description: Oil

Optical Rotation: [α]_D¹⁹ +24.6 (c, 3 in EtOH)

>>Variant: (*S*)-form

CAS Registry Number: 38221-25-9

Molecular Formula: C₁₃H₁₉NO₂

Molecular Weight: 221.299

Accurate Mass: 221.141579

Percentage Composition: C 70.56%; H 8.65%; N 6.33%; O 14.46%

Source/Synthesis: Synthetic

Physical Description: Oil

Optical Rotation: [α]_D¹⁸ -24.4 (c, 9 in EtOH)

>>Derivative: Picrate

Melting Point: Mp 233-234° (229-232°)

>>Variant: ($\pm$)-form

CAS Registry Number: 490-53-9

Molecular Formula: C₁₃H₁₉NO₂

Molecular Weight: 221.299

Accurate Mass: 221.141579

Percentage Composition: C 70.56%; H 8.65%; N 6.33%; O 14.46%

Biological Source: Alkaloid from *Carnegia gigantea*, *Haloxylon salicornicum*, *Haloxylon articulatum* and *Cereus pectenaboriginum* (*Pachycereus pectenaboriginum*) (Cactaceae, Chenopodiaceae)

Use/Importance: Convulsive agent

Physical Description: Oil

Boiling Point: Bp₁ 170°

Hazard & Toxicity: Toxic

>>Derivative: Hydrochloride

Melting Point: Mp 209-211°

>>Derivative: Hydrobromide

Melting Point: Mp 228°

>>Derivative: Picrate

Melting Point: Mp 213-215°