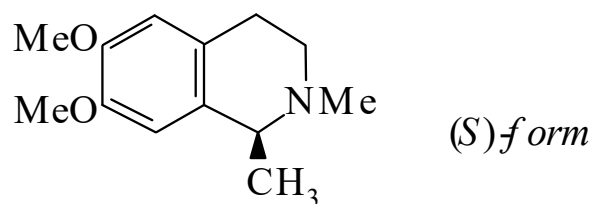




>>Entry Name: 1,2,3,4-Tetrahydro-6,7-dimethoxy-1,2-dimethylisoquinoline, 9Cl

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



**Molecular Formula:** C<sub>13</sub>H<sub>19</sub>NO<sub>2</sub>

**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:** C<sub>13</sub>H<sub>19</sub>NO<sub>2</sub>

**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:** [ $\alpha$ ]<sub>D</sub><sup>19</sup> +24.6 (c, 3 in EtOH)

>>Variant: (*S*)-form

**CAS Registry Number:** 38221-25-9

**Molecular Formula:** C<sub>13</sub>H<sub>19</sub>NO<sub>2</sub>

**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:** [ $\alpha$ ]<sub>D</sub><sup>18</sup> -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:** C<sub>13</sub>H<sub>19</sub>NO<sub>2</sub>

**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 *Carnegiea gigantea*, *Haloxylon salicornicum*, *Haloxylon articulatum* and *Cereus pectenaboriginum* (*Pachycereus pectenaboriginum*) (Cactaceae, Chenopodiaceae)

**Use/Importance:** Convulsive agent

**Physical Description:** Oil

**Boiling Point:** Bp<sub>1</sub> 170°

**Hazard & Toxicity:** Toxic

>>Derivative: Hydrochloride

**Melting Point:** Mp 209-211°

>>Derivative: Hydrobromide

**Melting Point:** Mp 228°

>>Derivative: Picrate

**Melting Point:** Mp 213-215°