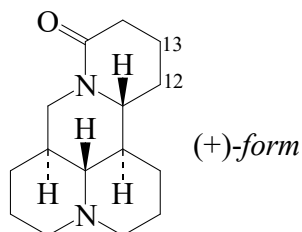




>>Entry Name: Allomatrine



Molecular Formula: C₁₅H₂₄N₂O

Molecular Weight: 248.367

Accurate Mass: 248.188863

Percentage Composition: C 72.54%; H 9.74%; N 11.28%; O 6.44%

Darvasamine [GPT56-Y](#)

>>Variant: (+)-form

CAS Registry Number: 641-39-4

Molecular Formula: C₁₅H₂₄N₂O

Molecular Weight: 248.367

Accurate Mass: 248.188863

Percentage Composition: C 72.54%; H 9.74%; N 11.28%; O 6.44%

Source/Synthesis: Obt. by isomerisation of Matrine [CGG87-S](#)

Melting Point: Mp 103-105°

Optical Rotation: $[\alpha]_D^{25} +77.9$

Other Data: Incorr. stated by Ibragimov *et al* (1979) to have been isol. by Ueno *et al* from *Sophora flavescens*. This was Isomatrine

>>Derivative: Methiodide

Other Data: Dec. at 315°

>>Derivative: Picrate

Melting Point: Mp 177°