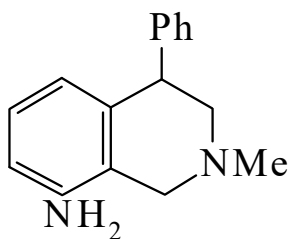




>>Entry Name: 1,2,3,4-Tetrahydro-2-methyl-4-phenyl-8-isoquinolinamine, 9CI

Synonym(s): 8-Amino-1,2,3,4-tetrahydro-2-methyl-4-phenylisoquinoline. **Nomifensine**, BAN



CAS Registry Number: 24526-64-5

Molecular Formula: C₁₆H₁₈N₂

Molecular Weight: 238.332

Accurate Mass: 238.146998

Percentage Composition: C 80.63%; H 7.61%; N 11.75%

Use/Importance: Thymoleptic, CNS stimulant

Development Status: No longer marketed (withdrawn due to toxicity)

Calculated Log P Data: Log P 2.66 (calc)

Sigma: N1530

>>Variant: (±)-form

Molecular Formula: C₁₆H₁₈N₂

Molecular Weight: 238.332

Accurate Mass: 238.146998

Percentage Composition: C 80.63%; H 7.61%; N 11.75%

Melting Point: Mp 179-181°

>>Derivative: Maleate

Synonym(s): **Nomifensine maleate**, USAN. Alival. Many other names

CAS Registry Number: 32795-47-4

Physical Description: Cryst. (EtOH)

Melting Point: Mp 199-201°

Hazard & Toxicity: Adverse effects incl. risk of haemolytic anaemia and renal failure. LD₅₀ (rat, orl) 430 mg/kg. Exp. reprod. effects

References:

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