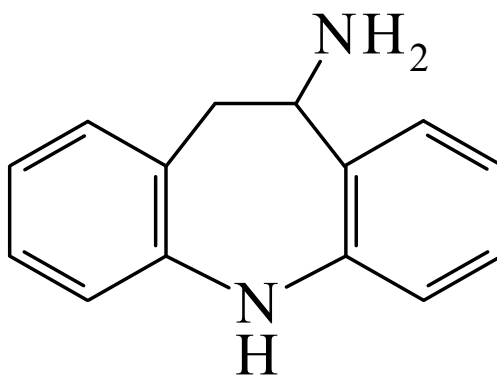




>>Entry Name: 10-Amino-10,11-dihydro-5H-dibenz[b,f]azepine

Synonym(s): 10,11-Dihydro-5H-dibenz[b,f]azepin-10-amine, 9CI



CAS Registry Number: 30761-64-9

Related CAS Registry Numbers(s): 93841-84-0 103353-98-6

Molecular Formula: C₁₄H₁₄N₂

Molecular Weight: 210.278

Accurate Mass: 210.115698

Percentage Composition: C 79.97%; H 6.71%; N 13.32%

>>Variant: (±)-form

Molecular Formula: C₁₄H₁₄N₂

Molecular Weight: 210.278

Accurate Mass: 210.115698

Percentage Composition: C 79.97%; H 6.71%; N 13.32%

Physical Description: Cryst. (hexane/C₆H₆)

Melting Point: Mp 123°

>>Derivative: 5,10-Di-N-Me

Synonym(s): Metapramine, INN. 10,11-Dihydro-N,5-dimethyl-5H-dibenz[b,f]azepin-10-amine, 9CI. Rodostene. 19560 RP. Timaxel

CAS Registry Number: 21730-16-5

Molecular Formula: C₁₆H₁₈N₂

Molecular Weight: 238.332

Accurate Mass: 238.146998

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

Use/Importance: Antidepressant. Shows antinociceptive activity

Development Status: Launched 1984

Melting Point: Mp 238-240° (as hydrochloride)

Calculated Log P Data: Log P 3.54 (calc)

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