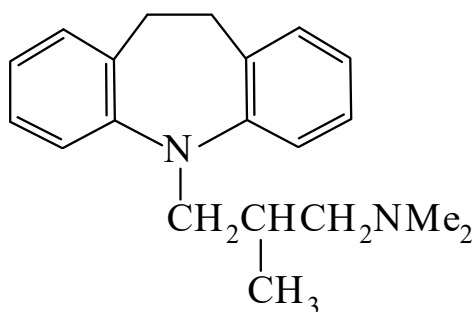




>>Entry Name: Trimipramine, BAN, INN, USAN

Synonym(s): 10,11-Dihydro-*N,N*, β -trimethyl-5*H*-dibenz[*b,f*]azepine-5-propanamine, 9Cl. 5-(3-Dimethylamino-2-methylpropyl)-10,11-dihydrodibenz[*b,f*]azepine. Trimeproprimine. Herphonal. Sapilent. Stangyl. Surmontil. Tydamine. FI 6120. IL 6001. RP 7162



CAS Registry Number: 739-71-9

Molecular Formula: C₂₀H₂₆N₂

Molecular Weight: 294.439

Accurate Mass: 294.209598

Percentage Composition: C 81.59%; H 8.90%; N 9.51%

Use/Importance: Antidepressant

Calculated Log P Data: Log P 4.89 (calc)

Hazard & Toxicity: LD₅₀ (mus, orl) 250 mg/kg

>>Variant: (+)-form

Molecular Formula: C₂₀H₂₆N₂

Molecular Weight: 294.439

Accurate Mass: 294.209598

Percentage Composition: C 81.59%; H 8.90%; N 9.51%

Physical Description: Oil

>>Derivative: Maleate

Melting Point: Mp 132°

Optical Rotation: [α]_D +25.5

>>Variant: (±)-form

Molecular Formula: C₂₀H₂₆N₂

Molecular Weight: 294.439

Accurate Mass: 294.209598

Percentage Composition: C 81.59%; H 8.90%; N 9.51%

Melting Point: Mp 45°

>>Derivative: Maleate

Synonym(s): Trimipramine maleate, JAN, USAN

CAS Registry Number: 521-78-8

Melting Point: Mp 142°

Hazard & Toxicity: LD₅₀ (rat, orl) 800 mg/kg. Exp. teratogenic effects

Sigma: T3790

References:

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Al-Badr, A.A., *Anal. Profiles Drug Subst.*, 1983, **12**, 683, (*rev, synth, props, anal*)

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