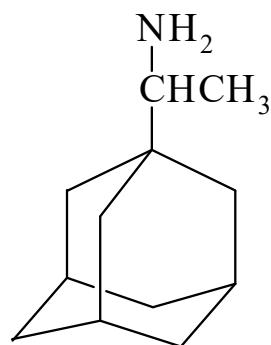




>>>Entry Name: 1-(1-Adamantyl)ethylamine

Synonym(s): α -Methyltricyclo[3.3.1.1^{3,7}]decane-1-methanamine, 9CI. α -Methyl-1-adamantanemethylamine, 8CI. **Rimantadine**, BAN, INN. Remantadine. Meradan. Flumadine. Roflual. EXP 126. JP 61



CAS Registry Number: 13392-28-4

Molecular Formula: C₁₂H₂₁N

Molecular Weight: 179.305

Accurate Mass: 179.167399

Percentage Composition: C 80.38%; H 11.80%; N 7.81%

Use/Importance: Antiviral agent

Development Status: Launched 1987

Calculated Log P Data: Log P 2.92 (calc)

>>>Variant: (±)-form

Molecular Formula: C₁₂H₂₁N

Molecular Weight: 179.305

Accurate Mass: 179.167399

Percentage Composition: C 80.38%; H 11.80%; N 7.81%

>>>Derivative: Hydrochloride

Synonym(s): Rimantadine hydrochloride, USAN

CAS Registry Number: 1501-84-4

Melting Point: Mp 373-375° (sealed tube)

Hazard & Toxicity: LD₅₀ (rat, orl) 640 mg/kg

Aldrich: 39059-3

References:

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Indulen, M.K. *et al.*, *Dev. Antiviral Ther. [Proc. Symp.]*, 1979, 107, (*rev, pharmacol, use*)

Zlydnikov, D.M. *et al.*, *Rev. Infect. Dis.*, 1981, **3**, 408, (*rev, use*)

Leinweber, F.J. *et al.*, *Drug Metab. Dispos.*, 1991, **19**, 381, (*metab*)

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