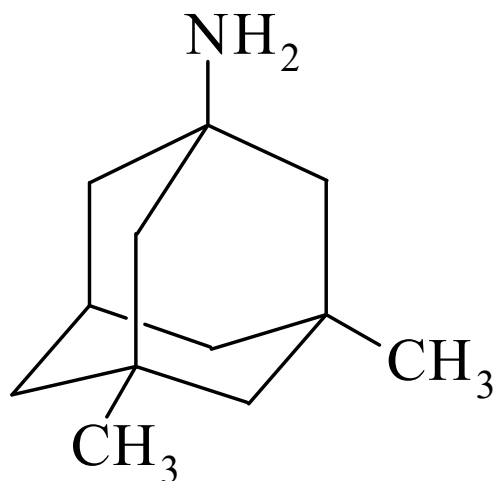




>>Entry Name: 1-Amino-3,5-dimethyladamantane

Synonym(s): 3,5-Dimethyltricyclo[3.3.1.1<sup>3,7</sup>]decan-1-amine, 9Cl. 3,5-Dimethyl-1-adamantanamine, 8Cl. Akatinol. **Memantine**, INN. DMAA. D145



CAS Registry Number: 19982-08-2

Related CAS Registry Numbers(s): 41100-52-1

Molecular Formula: C<sub>12</sub>H<sub>21</sub>N

Molecular Weight: 179.305

Accurate Mass: 179.167399

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

Use/Importance: Non-competitive NMDA-receptor antagonist. Dopaminergic activity. Possible neuroprotective agent. Antiparkinsonian agent

Calculated Log P Data: Log P 3.03 (calc)

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