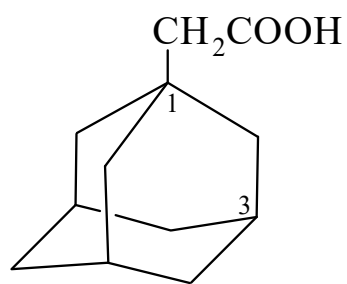




>>Entry Name: 1-Adamantaneacetic acid

Synonym(s): Tricyclo[3.3.1.1^{3,7}]decane-1-acetic acid, 9CI



CAS Registry Number: 4942-47-6

Molecular Formula: C₁₂H₁₈O₂

Molecular Weight: 194.273

Accurate Mass: 194.13068

Percentage Composition: C 74.19%; H 9.34%; O 16.47%

Physical Description: Cryst. (petrol)

Melting Point: Mp 142-143°

Aldrich: 12727-2

Fluka: 1826

>>Derivative: Me ester

CAS Registry Number: 27174-71-6

Molecular Formula: C₁₃H₂₀O₂

Molecular Weight: 208.3

Accurate Mass: 208.14633

Percentage Composition: C 74.96%; H 9.68%; O 15.36%

Boiling Point: Bp_{2.5} 102-112°

References:

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Bott, K. *et al.*, *Angew. Chem., Int. Ed.*, 1966, **5**, 870, (*synth*)

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