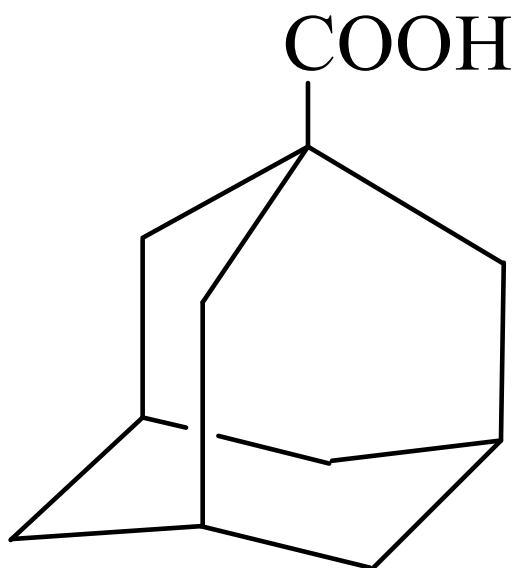




>>Entry Name: 1-Adamantanecarboxylic acid

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



CAS Registry Number: 828-51-3

Molecular Formula: C₁₁H₁₆O₂

Molecular Weight: 180.246

Accurate Mass: 180.11503

Percentage Composition: C 73.30%; H 8.95%; O 17.75%

Physical Description: Cryst. (THF or MeOH)

Melting Point: Mp 254-255° (THF). Mp 180° (MeOH)

Aldrich: 10639-9

Fluka: 1823

Rare Chemicals Library: S15037-1

>>Derivative: Me ester

CAS Registry Number: 711-01-3

Molecular Formula: C₁₂H₁₈O₂

Molecular Weight: 194.273

Accurate Mass: 194.13068

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

Melting Point: Mp 38-39°