



>>Entry Name: 2-Adamantanol

Synonym(s): Tricyclo[3.3.1.1^{3,7}]decan-2-ol, 9Cl

CAS Registry Number: 700-57-2

Molecular Formula: C₁₀H₁₆O

Molecular Weight: 152.236

Accurate Mass: 152.120115

Percentage Composition: C 78.90%; H 10.59%; O 10.51%

Melting Point: Mp 260-265°

Other Data: Sublimes

Aldrich: 15382-6

Fluka: 54194

>>Derivative: Ac

CAS Registry Number: 19066-22-9

Molecular Formula: C₁₂H₁₈O₂

Molecular Weight: 194.273

Accurate Mass: 194.13068

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

Boiling Point: Bp₁₄ 125°

>>Derivative: Me ether

Synonym(s): 2-Methoxyadamantane

CAS Registry Number: 19066-23-0

Molecular Formula: C₁₁H₁₈O

Molecular Weight: 166.263

Accurate Mass: 166.135765

Percentage Composition: C 79.47%; H 10.91%; O 9.62%

Boiling Point: Bp₁₂ 47°

>>Derivative: Et ether

Synonym(s): 2-Ethoxyadamantane

CAS Registry Number: 29542-65-2

Molecular Formula: C₁₂H₂₀O

Molecular Weight: 180.289

Accurate Mass: 180.151415

Percentage Composition: C 79.94%; H 11.18%; O 8.87%

Boiling Point: Bp₅ 81°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 255C, (*nmr*)

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van Deursen, F.W. *et al.*, *Tet. Lett.*, 1967, 3923, (*pmr*)

Maciel, G.E. *et al.*, *Org. Magn. Reson.*, 1974, **6**, 178, (*cmr*)

De Vries, J.G. *et al.*, *Synthesis*, 1977, 246, (*synth*)

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