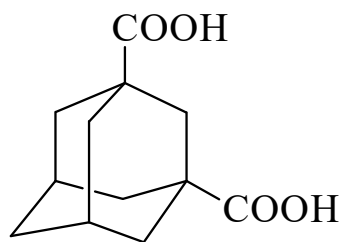




>>Entry Name: **1,3-Adamantanedicarboxylic acid, 8Cl**

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



CAS Registry Number: 39269-10-8

Related CAS Registry Numbers(s): 1459-95-6

Molecular Formula: C₁₂H₁₆O₄

Molecular Weight: 224.256

Accurate Mass: 224.10486

Percentage Composition: C 64.27%; H 7.19%; O 28.54%

Physical Description: Grey-white powder (MeOH)

Melting Point: Mp 275° (269-273°)

Other Data: Polyamides have been synth.

Aldrich: 34082-0

>>Derivative: Mono-Me ester

CAS Registry Number: 42711-81-9

Molecular Formula: C₁₃H₁₈O₄

Molecular Weight: 238.283

Accurate Mass: 238.12051

Percentage Composition: C 65.53%; H 7.61%; O 26.86%

Physical Description: Solid

Melting Point: Mp 110°

>>Derivative: Di-Me ester

CAS Registry Number: 1459-95-6

Molecular Formula: C₁₄H₂₀O₄

Molecular Weight: 252.31

Accurate Mass: 252.13616

Percentage Composition: C 66.65%; H 7.99%; O 25.36%

Physical Description: Cryst.

Melting Point: Mp 61-62°

Aldrich: 34083-9

>>Derivative: Di-Et ester

CAS Registry Number: 41826-65-7

Molecular Formula: C₁₆H₂₄O₄

Molecular Weight: 280.363

Accurate Mass: 280.16746

Percentage Composition: C 68.55%; H 8.63%; O 22.83%

Melting Point: Mp 176-178°

Density: d₄²⁰ 1.119

Refractive Index: n_D²⁰ 1.4832

Rare Chemicals Library: S15415-6

>>Derivative: Dichloride

CAS Registry Number: 29713-15-3

Molecular Formula: C₁₂H₁₄Cl₂O₂

Molecular Weight: 261.147

Accurate Mass: 260.037084

Percentage Composition: C 55.19%; H 5.40%; Cl 27.15%; O 12.25%

Melting Point: Mp 89°

References: