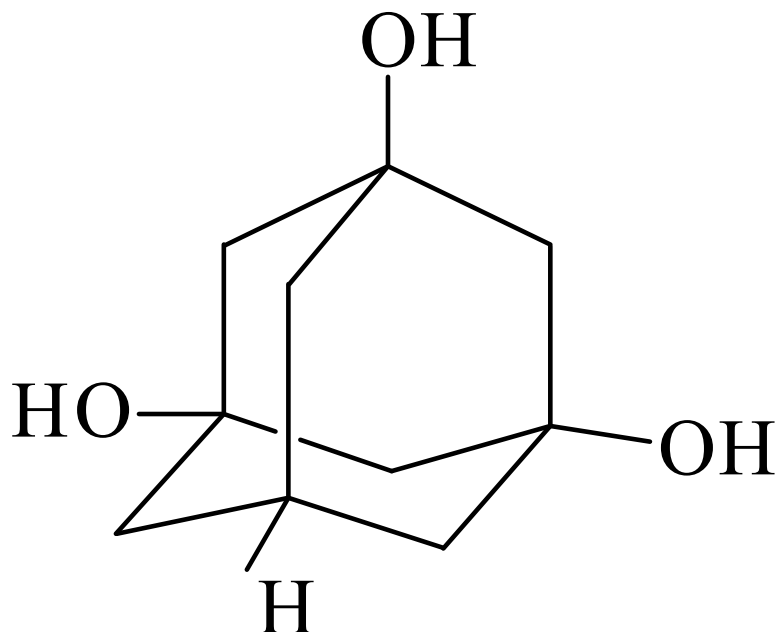




>>Entry Name: 1,3,5,7-Adamantanetetrol

Synonym(s): Tricyclo[3.3.1.1^{3,7}]decane-1,3,5,7-tetrol, 9Cl. 1,3,5,7-Tetrahydroxyadamantane



CAS Registry Number: 16104-28-2

Molecular Formula: C₁₀H₁₆O₄

Molecular Weight: 200.234

Accurate Mass: 200.10486

Percentage Composition: C 59.98%; H 8.05%; O 31.96%

Physical Description: Cryst. (AcOH)

Melting Point: Mp 317 dec.°

>>Derivative: Tetra-Ac

CAS Registry Number: 16004-74-3

Molecular Formula: C₁₈H₂₄O₈

Molecular Weight: 368.383

Accurate Mass: 368.14712

Percentage Composition: C 58.69%; H 6.57%; O 34.75%

Physical Description: Cryst. (cyclohexane)

Melting Point: Mp 162°

References:

Stetter, H. *et al.*, *Annalen*, 1968, **717**, 60, (*synth*)

Reddy, D.S. *et al.*, *Chem. Comm.*, 1995, 339, (*cryst struct*)

Menger, F.M. *et al.*, *J.O.C.*, 1999, **64**, 8916-8921, (*synth, pmr, cmr*)