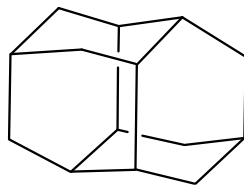




>>Entry Name: **Pentacyclo[7.3.1.1^{4,12}.0^{2,7}.0^{6,11}]tetradecane**

Synonym(s): Decahydro-3,5,1,7-[1,2,3,4]butanetetraylnaphthalene, 9C]. Diamantane. Congressane. [6]Diadamantane



CAS Registry Number: 2292-79-7

Molecular Formula: C₁₄H₂₀

Molecular Weight: 188.312

Accurate Mass: 188.1565

Percentage Composition: C 89.30%; H 10.70%

Source/Synthesis: Found in petroleum

Melting Point: Mp 236-237°

Aldrich: 39061-5

References:

Karle, I.L. *et al.*, *J.A.C.S.*, 1965, **87**, 918, (*struct*)

Hála, S. *et al.*, *Angew. Chem., Int. Ed.*, 1966, **5**, 1045, (*isol*)

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Org. Synth., 1973, **53**, 30, (*synth*)

Gund, T.M. *et al.*, *J.O.C.*, 1974, **39**, 2979, (*synth, spectra*)

Farcașiu, D. *et al.*, *J.O.C.*, 1977, **42**, 96, (*synth*)

Tureček, F. *et al.*, *Coll. Czech. Chem. Comm.*, 1981, **46**, 1474, (*synth*)