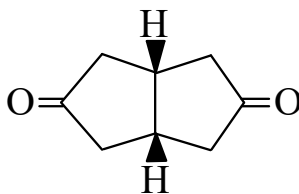




>>Entry Name: Tetrahydro-2,5(1*H*,3*H*)-pentalenedione, 9CI

Synonym(s): Bicyclo[3.3.0]octane-3,7-dione



Molecular Formula: C₈H₁₀O₂

Molecular Weight: 138.166

Accurate Mass: 138.06808

Percentage Composition: C 69.55%; H 7.29%; O 23.16%

>>Variant: (3*aRS*,6*aSR*)-form

Synonym(s): *cis*-form

CAS Registry Number: 51716-63-3

Molecular Formula: C₈H₁₀O₂

Molecular Weight: 138.166

Accurate Mass: 138.06808

Percentage Composition: C 69.55%; H 7.29%; O 23.16%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 84-85°

Aldrich: 19210-4

References:

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Yates, P. *et al.*, *J.A.C.S.*, 1960, **82**, 6347, (*synth*)

Weiss, U. *et al.*, *Tet. Lett.*, 1968, 4885, (*synth*)

Bertz, S.H. *et al.*, *Tetrahedron*, 1982, **38**, 63, (*synth, ir, pmr, cmr, ms, bibl*)