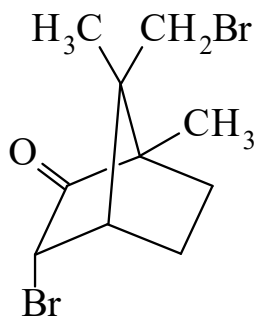




>>Entry Name: 3,9-Dibromocamphor

Synonym(s): 3-Bromo-7-(bromomethyl)-1,7-dimethyl-1-bicyclo[2.2.1]heptan-2-one, 9Cl. 3,8-Dibromo-2-bornanone, 8Cl



Molecular Formula: C₁₀H₁₄Br₂O

Molecular Weight: 310.028

Accurate Mass: 307.981137

Percentage Composition: C 38.74%; H 4.55%; Br 51.55%; O 5.16%

>>Variant: (+)-form

CAS Registry Number: 10293-10-4

Molecular Formula: C₁₀H₁₄Br₂O

Molecular Weight: 310.028

Accurate Mass: 307.981137

Percentage Composition: C 38.74%; H 4.55%; Br 51.55%; O 5.16%

Physical Description: Fine needles (CH₂Cl₂/MeOH)

Melting Point: Mp 152-156°

Optical Rotation: [α]_D +95.5 (c, 4.26 in CHCl₃)

Aldrich: 30642-8

Sigma: D0658

References:

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Meyer, W.L. *et al.*, *J.O.C.*, 1967, **32**, 1754, (*synth, ord*)

Dimmel, D.R. *et al.*, *J.O.C.*, 1973, **38**, 3782, (*synth, ir, pmr*)

Crull, G.B. *et al.*, *Magn. Reson. Chem.*, 1986, **24**, 737, (*cmr*)

Vaillancourt, V. *et al.*, *J.O.C.*, 1991, **56**, 378, (*synth*)