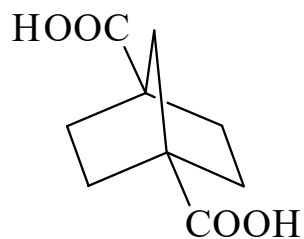




>>Entry Name: Bicyclo[2.2.1]heptane-1,4-dicarboxylic acid

Synonym(s): 1,4-Norbornanedicarboxylic acid, 8CI



CAS Registry Number: 15544-51-1

Molecular Formula: $C_9H_{12}O_4$

Molecular Weight: 184.191

Accurate Mass: 184.07356

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

Physical Description: Needles (AcOH or Me₂CO)

Melting Point: Mp 248°

Boiling Point: Subl._{0.5} 126°

pKa Value: pK_{a1} 4.2; pK_{a2} 5.28 (25°)

>>Derivative: Di-Me ester

CAS Registry Number: 15448-76-7

Molecular Formula: $C_{11}H_{16}O_4$

Molecular Weight: 212.245

Accurate Mass: 212.10486

Percentage Composition: C 62.25%; H 7.60%; O 30.15%

Physical Description: Cryst.

Melting Point: Mp 62°

References:

Wilcox, C.F. Jr. *et al.*, *J.O.C.*, 1968, **33**, 877, (*synth, ir, pmr*)