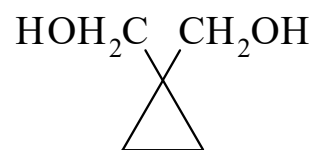




>>Entry Name: 1,1-Cyclopropanedimethanol, 9CI

Synonym(s): 1,1-Bis(hydroxymethyl)cyclopropane



CAS Registry Number: 39590-81-3

Related CAS Registry Numbers(s): 150466-68-5

Molecular Formula: C₅H₁₀O₂

Molecular Weight: 102.133

Accurate Mass: 102.06808

Percentage Composition: C 58.80%; H 9.87%; O 31.33%

Physical Description: Viscous oil

Boiling Point: Bp₅ 95-98°

>>Derivative: Di-Li salt

CAS Registry Number: 150466-69-6

Physical Description: Powder

>>Derivative: Di-Ac

CAS Registry Number: 148420-14-8

Molecular Formula: C₉H₁₄O₄

Molecular Weight: 186.207

Accurate Mass: 186.08921

Percentage Composition: C 58.05%; H 7.58%; O 34.37%

Physical Description: Oil

Boiling Point: Bp_{0.5} 35-40°

References:

Itoh, O. *et al.*, *Bull. Chem. Soc. Jpn.*, 1980, **53**, 146-153, (*synth*, *pmr*)

Wade, P.A. *et al.*, *J.O.C.*, 1993, **58**, 3140-3147, (*Di-Ac*)

Wright, M.E. *et al.*, *J.O.C.*, 1993, **58**, 4122-4126, (*synth*, *pmr*, *cmr*)