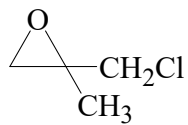




>>Entry Name: **2-(Chloromethyl)-2-methyloxirane**, 9Cl

Synonym(s): 1-Chloro-2,3-epoxy-2-methylpropane, 8Cl. 2-Methylepichlorohydrin



CAS Registry Number: 598-09-4

Molecular Formula: C₄H₇ClO

Molecular Weight: 106.551

Accurate Mass: 106.018542

Percentage Composition: C 45.09%; H 6.62%; Cl 33.27%; O 15.02%

Use/Importance: Monomer for epoxy resins

Physical Description: Liq.

Boiling Point: Bp 123-124°. Bp₄₀ 65°

References:

Hurd, C.D. *et al.*, *J.A.C.S.*, 1951, **73**, 917-919, (*synth*)

Pugia, M.J. *et al.*, *J.O.C.*, 1987, **52**, 541-547, (*synth, ir, pmr*)