



>>Entry Name: 2-(Acetyloxy)-2-methylpropanoyl chloride, 9Cl

Synonym(s): 2-Acetoxyisobutryl chloride

CAS Registry Number: 40635-66-3

$(\text{H}_3\text{C})_2\text{C}(\text{OAc})\text{COCl}$

Molecular Formula: $\text{C}_6\text{H}_9\text{ClO}_3$

Molecular Weight: 164.588

Accurate Mass: 164.024022

Percentage Composition: C 43.79%; H 5.51%; Cl 21.54%; O 29.16%

Physical Description: Synthetic reagent, ambivalent electrophile

Boiling Point: Bp₆ 55-56°

Aldrich: 32617-8

References:

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **1**, 1216A, (nmr)

Greenberg, S. *et al.*, *J.A.C.S.*, 1973, **95**, 4016-4025, (synth, use, pmr)

Russell, A.F. *et al.*, *J.O.C.*, 1974, **39**, 2182-2186, (use)

Rüchardt, C. *et al.*, *Chem. Ber.*, 1975, **108**, 3210-3223; 3224-3242, (synth, use)

Robins, M.J. *et al.*, *Chem. Comm.*, 1978, 677-678, (use)

Friary, R., *J. Het. Chem.*, 1978, **15**, 63-64, (synth, use)

Fieser and Fieser's Reagents for Organic Synthesis, Wiley, 1980, **8**, 3, (use)