



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

Synonym(s): 2-Acetoxoisobutyryl 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: Bp<sub>6</sub> 55-56°

Aldrich: 32617-8

#### References:

*Aldrich Library of <sup>13</sup>C and <sup>1</sup>H 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*)