



>>Entry Name: **1,1-Diacetoxyethane**

Synonym(s): 1,1-Ethanediol diacetate, 9CI. Ethylidene diacetate

CAS Registry Number: 542-10-9

$\text{H}_3\text{CCH}(\text{OAc})_2$

Molecular Formula: $\text{C}_6\text{H}_{10}\text{O}_4$

Molecular Weight: 146.143

Accurate Mass: 146.05791

Percentage Composition: C 49.31%; H 6.90%; O 43.79%

Physical Description: Liq. with sharp, fruity odour

Boiling Point: Bp₇₄₀ 168°. Bp₁₀ 65-67°

References:

Knoevenagel, E., *Annalen*, 1914, **402**, 127, (*synth*)

Ger. Pat., 1927, 556 775; *CA*, **27**, 312, (*synth*)

Ger. Pat., 1928, 571 318; *CA*, **27**, 2696, (*synth*)

U.K. Pat., 1929, 288 549; *CA*, **23**, 608, (*synth*)

Morrison, G.O. *et al.*, *Trans. Electrochem. Soc.*, 1933, **63**, 23