



>>Entry Name: 1,1,2,2-Tetraacetyethane

Synonym(s): 3,4-Diacetyl-2,5-hexanedione, 9CI

CAS Registry Number: 5027-32-7

$(\text{H}_3\text{CCO})_2\text{CHCH}(\text{COCH}_3)_2$

Molecular Formula: $\text{C}_{10}\text{H}_{14}\text{O}_4$

Molecular Weight: 198.218

Accurate Mass: 198.08921

Percentage Composition: C 60.59%; H 7.12%; O 32.29%

Physical Description: Cryst. (Me_2CO)

Melting Point: Mp 192-193°

Rare Chemicals Library: S67892-9

References:

Org. Synth., Coll. Vol., 4, 1963, 869, (*synth*)

Schaefer, J.P. *et al.*, *J.C.S.(A)*, 1966, 528, (*cryst struct*)

Power, L.F. *et al.*, *J. Cryst. Mol. Struct.*, 1975, **5**, 59, (*cryst struct*)