



>>Entry Name: Diacetoxymethylvinylsilane

Synonym(s): Ethenylmethylsilanediol diacetate, 9CI

CAS Registry Number: 2944-70-9

$(\text{AcO})_2\text{SiMeCH}=\text{CH}_2$

Molecular Formula: $\text{C}_7\text{H}_{12}\text{O}_4\text{Si}$

Molecular Weight: 188.255

Accurate Mass: 188.050487

Percentage Composition: C 44.66%; H 6.42%; O 34.00%; Si 14.92%

Source/Synthesis: Synth. from $\text{H}_2\text{C}=\text{CHSiCl}_2\text{Me}$ + Ac_2O

Boiling Point: Bp₂₄ 84-86°

References:

Frisch, K.C. *et al.*, *J.A.C.S.*, 1952, **74**, 4584-4585, (*synth*)