



>>Entry Name: 3-[(Trimethoxysilyl)propyl] 2-propenoate, 9CI

Synonym(s): 3-(Trimethoxysilyl)propyl acrylate, 8CI

CAS Registry Number: 4369-14-6

$(\text{MeO})_3\text{SiCH}_2\text{CH}_2\text{CH}_2\text{OCOCH}=\text{CH}_2$

Molecular Formula: $\text{C}_9\text{H}_{18}\text{O}_5\text{Si}$

Molecular Weight: 234.324

Accurate Mass: 234.092352

Percentage Composition: C 46.13%; H 7.74%; O 34.14%; Si 11.99%

Use/Importance: Used in coatings for glass fibres to improve adhesion in matrix resins

Boiling Point: Bp_3 95°

Density: d_4^{20} 1.06

Refractive Index: n_D^{20} 1.4155

References:

Belg. Pat., 1962, 613 466; *CA*, **58**, 6862a, (*synth, use*)