



>>Entry Name: *N*-(2-Aminoethyl)-*N*'-[3-(trimethoxysilyl)propyl]-1,2-ethanediamine, 9CI

Synonym(s): Y-5691

CAS Registry Number: 35141-30-1

$(\text{MeO})_3\text{SiCH}_2\text{CH}_2\text{CH}_2\text{NHCH}_2\text{CH}_2\text{NHCH}_2\text{CH}_2\text{NH}_2$

Molecular Formula: $\text{C}_{10}\text{H}_{27}\text{N}_3\text{O}_3\text{Si}$

Molecular Weight: 265.427

Accurate Mass: 265.182169

Percentage Composition: C 45.25%; H 10.25%; N 15.83%; O 18.08%; Si 10.58%

Use/Importance: Coupling agent in glass reinforced resins

References:

Marsden, J.G., *CA*, 1972, **77**, 20592n, (*use*)

U.S. Pat., 1985, 4 526 996; *CA*, **103**, 178446h, (*synth*)