



>>Entry Name: (3-Aminopropyl)tris(trimethylsiloxy)silane

Synonym(s): 3-[3,3,3-Trimethyl-1,1-bis[(trimethylsilyl)oxy]disiloxanyl]-1-propanamine, 9CI

CAS Registry Number: 25357-81-7

$(\text{Me}_3\text{SiO})_3\text{SiCH}_2\text{CH}_2\text{CH}_2\text{NH}_2$

Molecular Formula: $\text{C}_{12}\text{H}_{35}\text{NO}_3\text{Si}_4$

Molecular Weight: 353.755

Accurate Mass: 353.169402

Percentage Composition: C 40.74%; H 9.97%; N 3.96%; O 13.57%; Si 31.76%

Source/Synthesis: Synth. from $\text{H}_2\text{N}(\text{CH}_2)_3\text{Si}(\text{OEt})_3 + (\text{Me}_3\text{Si})_2\text{O} + \text{Me}_4\text{NOH}$

Boiling Point: Bp_{47}^{25} 152°

Refractive Index: n_{d}^{25} 1.4110

References:

Ger. Pat., 1969, 1 906 259; *CA*, **72**, 112320x, (*synth*)