



>>Entry Name: Tris(2-methoxyethoxy)vinylsilane, 8Cl

Synonym(s): 6-Ethenyl-6-(2-methoxyethoxy)-2,5,7,10-tetraoxa-6-silaundecane, 9Cl. Ethenyltris(2-methoxyethoxy)silane

CAS Registry Number: 1067-53-4

$(\text{MeOCH}_2\text{CH}_2\text{O})_3\text{SiCH}=\text{CH}_2$

Molecular Formula: $\text{C}_{11}\text{H}_{24}\text{O}_6\text{Si}$

Molecular Weight: 280.393

Accurate Mass: 280.134217

Percentage Composition: C 47.12%; H 8.63%; O 34.24%; Si 10.02%

Use/Importance: Used in adhesives, coatings and polymers

Physical Description: Liq.

Boiling Point: $\text{Bp}_{5,5}$ 136.2°

Density: d_4^{25} 1.03

Refractive Index: n_D^{25} 1.4271

References:

Nagel, R. *et al.*, *J.O.C.*, 1951, **16**, 1768-1771, (*synth*)

Sigma-Aldrich Library of Chemical Safety Data, 2nd edn., 1988, **2**, 3533C

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 9th edn., Van Nostrand Reinhold, 1996, TNJ500