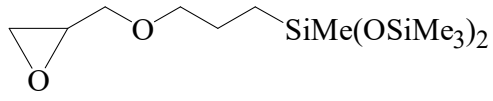
>>**Entry Name: 1,1,1,3,5,5,5-Heptamethyl-3-[3-(oxiranylmethoxy)propyl]trisiloxane**
Synonym(s): 3-[3-(2,3-Epoxypropoxy)propyl]-1,1,1,3,5,5,5-heptamethyltrisiloxane. (3-Glycidyloxypropyl)bis(trimethylsiloxy)methylsilane



CAS Registry Number: 7422-52-8

Molecular Formula: $C_{13}H_{32}O_4Si_3$
Molecular Weight: 336.65
Accurate Mass: 336.160841
Percentage Composition: C 46.38%; H 9.58%; O 19.01%; Si 25.03%
Source/Synthesis: Synth. by Pt-catalysed addn. of $(Me_3SiO)_2SiHMe$ + allyl glycidyl ether

>>**Variant:** (±)-form

Molecular Formula: $C_{13}H_{32}O_4Si_3$
Molecular Weight: 336.65
Accurate Mass: 336.160841
Percentage Composition: C 46.38%; H 9.58%; O 19.01%; Si 25.03%
Boiling Point: $Bp_{0.2}$ 94-98°
Refractive Index: n_D^{25} 1.4200

References:

U.S. Pat., 1959, 2 883 397; *CA*, **53**, 16963h, *(synth)*

https://www.baizuoyan.com - CopyRight ©baizuoyan