Bis[(2z)-hex-2-en-1-yloxy](dimethyl)silane

Inchi: InChI=1S/C14H28O2Si/c1-5-7-9-11-13-15-17(3,4)16-14-12-10-8-6-2/h9-12H,5-8,13-14H2
InchiKey: GJIIFJOUTVYNOU-HWAYABPNSA-N
Formula: C14H28O2Si
SMILES: CCC/C=C\CO[Si](C)(C)OC/C=C\CCC
Mol. weight [g/mol]: 256.46

Physical Properties

Property code	Value	Unit	Source
hf	-590.62	kJ/mol	Cheméo Relay (1.0)
hvap	62.69	kJ/mol	Cheméo Relay (1.0)
ie	9.04	eV	Cheméo Relay (1.0)
logp	4.434		Crippen Method
rinpol	1487.10		NIST Webbook
tb	505.68	K	Cheméo Relay (1.0)
tc	661.10	K	Cheméo Relay (1.0)
tf	175.14	K	Cheméo Relay (1.0)

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U352739&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):

Legend

hf: Enthalpy of formation at standard conditions
hvap: Enthalpy of vaporization at standard conditions
ie: Ionization energy
logp: Octanol/Water partition coefficient

rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point