1,3,5,7-Tetramethyl-1,3,5,7-tetrasilaadamantane

Other names: 1,3,5,7-Tetramethyl-1,3,5,7-tetrasilaadamantane
Inchi: InChI=1S/C10H24Si4/c1-11-5-12(2)8-13(3,6-11)10-14(4,7-11)9-12/h5-10H2,1-4H3
InchiKey: XMNIPURNPMVXKW-UHFFFAOYSA-N
Formula: C10H24Si4
SMILES: C[Si]12C[Si]3(C)C[Si](C)(C1)C[Si](C)(C2)C3
Mol. weight [g/mol]: 256.65

Physical Properties

Property code	Value	Unit	Source
hvap	46.64	kJ/mol	Cheméo Relay (1.0)
ie	8.45 ± 0.05	eV	NIST Webbook
logp	3.577		Crippen Method

Sources

Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C17995334&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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