SILANE, 1,4-PHENYLENEBIS[TRIMETHYL-

Other names:	Silane, 1,4-phenylenebis[trimethyl- Silane, p-phenylenebis[trimethyl- p-Bis(trimethylsilyl)benzene Benzene, p-bis(trimethylsilyl)- p-Phenylenebis(trimethylsilane) Trimethyl[4-(trimethylsilyl)phenyl]silane
Inchi:	InChI=1S/C12H22Si2/c1-13(2,3)11-7-9-12(10-8-11)14(4,5)6/h7-10H,1-6H3
InchiKey:	NVRBTKMAZQNKPX-UHFFFAOYSA-N
Formula:	C12H22Si2
SMILES:	C[Si](C)(C)c1ccc([Si](C)(C)C)cc1
Mol. weight [g/mol]:	222.48

Physical Properties

Property code	Value	Unit	Source
hvap	57.31	kJ/mol	Cheméo Relay (1.0)
ie	8.45	eV	NIST Webbook
ie	8.25	eV	NIST Webbook
ie	8.78	eV	NIST Webbook
ie	8.70	eV	NIST Webbook
ie	8.98	eV	NIST Webbook
logp	2.777		Crippen Method
tb	505.15	K	Cheméo Relay (1.0)

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C13183705&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hvap:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
logp:	Octanol/Water partition coefficient
tb:	Normal Boiling Point Temperature