Silane, 1,2-ethynediylbis[trimethyl-

Other names:	1,2-Bis(trimethylsilyl)acetylene
	Silane, 1,2-ethynediylbis[trimethyl-
	2,5-Disilahex-3-yne, 2,2,5,5-tetramethyl-
	Acetylene, bis(trimethylsilyl)-
	Bis(trimethylsilyl)ethyne
	1,2-Bis(trimethylsilyl)ethyne
	Silane, 1,1'-(1,2-ethynediyl)bis[1,1,1-trimethyl-
Inchi:	InChI=1S/C8H18Si2/c1-9(2,3)7-8-10(4,5)6/h1-6H3
InchiKey:	ZDWYFWIBTZJGOR-UHFFFAOYSA-N
Formula:	C8H18Si2
SMILES:	C[Si](C)(C)C#C[Si](C)(C)C
Mol. weight [g/mol]:	170.40

Physical Properties

Property code	Value	Unit	Source
ie	9.20	eV	NIST Webbook
ie	9.63	eV	NIST Webbook
logp	2.745		Crippen Method
tb	409.50 ± 0.50	K	NIST Webbook
tb	407.00 ± 1.00	K	NIST Webbook
tb	409.50 ± 0.50	K	NIST Webbook

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=C14630401&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

ie:	Ionization energy
logp:	Octanol/Water partition coefficient
tb:	Normal Boiling Point Temperature