SILANE, 1,3-BUTADIYNE-1,4-DIYLBIS[TRIMETHYL-

Other names: 1,4-Bis(trimethylsilyl)butadiyne
Inchi: InChI=1S/C10H18Si2/c1-11(2,3)9-7-8-10-12(4,5)6/h1-6H3
InchiKey: LBNVCJHJRYJVPK-UHFFFAOYSA-N
Formula: C10H18Si2
SMILES: C[Si](C)(C)C#CC#C[Si](C)(C)C
Mol. weight [g/mol]: 194.43

Physical Properties

Property code	Value	Unit	Source
ie	9.23 ± 0.04	eV	NIST Webbook
ie	8.85	eV	NIST Webbook
logp	2.748		Crippen Method
tb	439.64	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C4526072&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.