1,4-Bis(trimethylsilyl)-2-butyne

Inchi:	InChI=1S/C10H22Si2/c1-11(2,3)9-7-8-10-12(4,5)6/h9-10H2,1-6H3
InchiKey:	UPAAZWVMKHGLNU-UHFFFAOYSA-N
Formula:	C10H22Si2
SMILES:	C[Si](C)(C)CC#CC[Si](C)(C)C
Mol. weight [g/mol]:	198.45
CAS:	21752-78-3

Physical Properties

Property code	Value	Unit	Source
ie	8.85 ± 0.04	eV	NIST Webbook
log10ws	1.26		Crippen Method
logp	3.666		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C21752783&Units=SI

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

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