

Hydrazine, tetrakis(trimethylsilyl)-

Inchi:	InChI=1S/C12H36N2Si4/c1-15(2,3)13(16(4,5)6)14(17(7,8)9)18(10,11)12/h1-12H3
InchiKey:	BSXINRHGKAWUQE-UHFFFAOYSA-N
Formula:	C12H36N2Si4
SMILES:	C[Si](C)(C)N(N([Si](C)(C)C)[Si](C)(C)C)[Si](C)(C)C
Mol. weight [g/mol]:	320.77
CAS:	20156-62-1

Physical Properties

Property code	Value	Unit	Source
ie	7.95	eV	NIST Webbook
log10ws	4.82		Crippen Method
logp	4.845		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C20156621&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/117-821-0/Hydrazine-tetrakis-trimethylsilyl.pdf>

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