Silanamine, N-silyl-

Other names:	Disilylamine
	Disilazane
	Disilazine
	Silane, iminobis-
	Silicyl imide
Inchi:	InChI=1S/H7NSi2/c2-1-3/h1H,2-3H3
InchiKey:	RKSZCOGKXZGLAI-UHFFFAOYSA-N
Formula:	H7NSi2
SMILES:	[SiH3]N[SiH3]
Mol. weight [g/mol]:	77.23
CAS:	5702-11-4

Physical Properties

Property code	Value	Unit	Source
log10ws	6.21		Crippen Method
logp	-2.863		Crippen Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	23.40	kJ/mol	213.50	NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C5702114&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hvapt:	Enthalpy of vaporization at a given temperature
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient