

Silane, diethylmethyl-

Other names:	Diethylmethylsilane Methyldiethylsilane
Inchi:	InChI=1S/C5H14Si/c1-4-6(3)5-2/h6H,4-5H2,1-3H3
InchiKey:	UUTZEAQZDHSEAL-UHFFFAOYSA-N
Formula:	C5H14Si
SMILES:	CC[SiH](C)CC
Mol. weight [g/mol]:	102.25
CAS:	760-32-7

Physical Properties

Property code	Value	Unit	Source
hvap	34.60 ± 0.70	kJ/mol	NIST Webbook
log10ws	0.84		Crippen Method
logp	1.883		Crippen Method
rinpol	628.00		NIST Webbook

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=C760327&Units=SI

Legend

hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/47-887-6/Silane-diethylmethyl.pdf>

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