

Disilane, ethylpentamethyl-

Other names:	1-Ethyl-1,1,2,2,2-pentamethyldisilane Ethylpentamethyldisilane
Inchi:	InChI=1S/C7H20Si2/c1-7-9(5,6)8(2,3)4/h7H2,1-6H3
InchiKey:	AIYNVZFMBDWFLW-UHFFFAOYSA-N
Formula:	C7H20Si2
SMILES:	CC[Si](C)(C)[Si](C)(C)C
Mol. weight [g/mol]:	160.40
CAS:	15063-64-6

Physical Properties

Property code	Value	Unit	Source
log10ws	2.14		Crippen Method
logp	3.131		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C15063646&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/41-473-1/Disilane-ethylpentamethyl.pdf>

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