

Silane, diethyldimethyl-

Other names:	Dimethyldiethylsilane
Inchi:	InChI=1S/C6H16Si/c1-5-7(3,4)6-2/h5-6H2,1-4H3
InchiKey:	FJWRGPWPIXAPBJ-UHFFFAOYSA-N
Formula:	C6H16Si
SMILES:	CC[Si](C)(C)CC
Mol. weight [g/mol]:	116.28
CAS:	756-81-0

Physical Properties

Property code	Value	Unit	Source
log10ws	0.20		Crippen Method
logp	2.735		Crippen Method
rinpol	677.00		NIST Webbook
rinpol	694.00		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=C756810&Units=SI

Legend

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/73-000-0/Silane-diethyldimethyl.pdf>

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