

Ethyl(dimethyl)ethoxysilane

Other names:	Ethoxy(ethyl)dimethylsilane
Inchi:	InChI=1S/C6H16OSi/c1-5-7-8(3,4)6-2/h5-6H2,1-4H3
InchiKey:	FKDLBUPSJQZYFZ-UHFFFAOYSA-N
Formula:	C6H16OSi
SMILES:	CCO[Si](C)(C)CC
Mol. weight [g/mol]:	132.28
CAS:	18173-55-2

Physical Properties

Property code	Value	Unit	Source
log10ws	0.53		Crippen Method
logp	2.248		Crippen Method
rinpola	720.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18173552&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpola:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/67-163-7/Ethyl-dimethyl-ethoxysilane.pdf>

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