

Ethanol, 2-[(trimethylsilyl)oxy]-

Other names:	2-(Trimethylsilyloxy)ethanol Ethylene glycol, tms derivative
Inchi:	InChI=1S/C5H14O2Si/c1-8(2,3)7-5-4-6/h6H,4-5H2,1-3H3
InchiKey:	LCUMNKGLHJRIMH-UHFFFAOYSA-N
Formula:	C5H14O2Si
SMILES:	C[Si](C)(C)OCCO
Mol. weight [g/mol]:	134.25
CAS:	4403-13-8

Physical Properties

Property code	Value	Unit	Source
log10ws	1.68		Crippen Method
logp	0.830		Crippen Method
rinpol	827.10		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C4403138&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/13-145-6/Ethanol-2-trimethylsilyl-oxy.pdf>

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