

Acetic acid, (trimethylsilyl)-

Other names:	(trimethylsilyl)acetic acid
Inchi:	InChI=1S/C5H12O2Si/c1-8(2,3)4-5(6)7/h4H2,1-3H3,(H,6,7)
InchiKey:	JDMMZVAKMAONFU-UHFFFAOYSA-N
Formula:	C5H12O2Si
SMILES:	C[Si](C)(C)CC(=O)O
Mol. weight [g/mol]:	132.23
CAS:	2345-38-2

Physical Properties

Property code	Value	Unit	Source
log10ws	1.52		Crippen Method
logp	1.409		Crippen Method
rinpola	705.00		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C2345382&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/33-405-5/Acetic-acid-trimethylsilyl.pdf>

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