

Propanoic acid, 2,2-dimethyl, trimethylsilyl ester

Inchi:	InChI=1S/C8H18O2Si/c1-8(2,3)7(9)10-11(4,5)6/h1-6H3
InchiKey:	MKNPAZMWDJMYJS-UHFFFAOYSA-N
Formula:	C8H18O2Si
SMILES:	CC(C)(C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	174.31

Physical Properties

Property code	Value	Unit	Source
log10ws	0.16		Crippen Method
logp	2.411		Crippen Method
rinpol	851.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R509390&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
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/55-385-4/Propanoic-acid-2-2-dimethyl-trimethylsilyl-ester.pdf>

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