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/ci990307l

Legend

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