

Pentanoic acid, 4-hydroxy-2-propyl, bis-TMS, # 1

Inchi:	InChI=1S/C14H32O3Si2/c1-9-10-13(14(15)17-19(6,7)8)11-12(2)16-18(3,4)5/h12-13H,9-1
InchiKey:	YWWMPRJWXQPBOQ-UHFFFAOYSA-N
Formula:	C14H32O3Si2
SMILES:	CCCC(CC(C)O[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	304.57

Physical Properties

Property code	Value	Unit	Source
log10ws	0.40		Crippen Method
logp	4.411		Crippen Method
rinpol	1386.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R167976&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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