

2-Ketoisocaproic acid oxime, bis(trimethylsilyl)- deriv.

Other names:	Trimethylsilyl 4-methyl-2-([(trimethylsilyl)oxy]imino)pentanoate 2-Ketoisocaproic acid, oxime, bis-TMS 2-Ketoisocaproic acid, oxime, di-TMS 2-Oxopentanoic acid, 4-methyl, oxime, bis-TMS Oximated 2-keto-isocaproic acid, diTMS
Inchi:	InChI=1S/C12H27NO3Si2/c1-10(2)9-11(13-16-18(6,7)8)12(14)15-17(3,4)5/h10H,9H2,1-8
InchiKey:	RBTBRFPPEAKNKU-UHFFFAOYSA-N
Formula:	C12H27NO3Si2
SMILES:	CC(C)CC(=NO[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	289.52
CAS:	51621-80-8

Physical Properties

Property code	Value	Unit	Source
log10ws	1.19		Crippen Method
logp	3.618		Crippen Method
rinpol	1291.00		NIST Webbook
rinpol	1298.00		NIST Webbook
rinpol	1297.00		NIST Webbook
rinpol	1286.00		NIST Webbook
rinpol	1289.00		NIST Webbook
rinpol	1291.00		NIST Webbook
rinpol	1286.00		NIST Webbook
rinpol	1289.00		NIST Webbook
rinpol	1289.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C51621808&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.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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