

# 2-Ketoisovaleric acid oxime, bis(trimethylsilyl)- deriv.

<b>Other names:</b>	2-Ketoisovaleric acid oxime, bis(trimethylsilyl) Trimethylsilyl 3-methyl-2-([(trimethylsilyl)oxy]imino)butanoate 2-Ketoisovaleric acid, oxime, bis-TMS 2-Ketoisovaleric acid, oxime, di-TMS 2-Oxobutanoic acid, 3-methyl, oxime, bis-TMS Oximated 2-keto-isovaleric acid, diTMS
<b>Inchi:</b>	InChI=1S/C11H25NO3Si2/c1-9(2)10(12-15-17(6,7)8)11(13)14-16(3,4)5/h9H,1-8H3
<b>InchiKey:</b>	IVPXACATUKBSAE-UHFFFAOYSA-N
<b>Formula:</b>	C11H25NO3Si2
<b>SMILES:</b>	CC(C)C(=NO[Si](C)(C)C)C(=O)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	275.49
<b>CAS:</b>	51621-78-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.61		Crippen Method
logp	3.228		Crippen Method
rinpol	1214.00		NIST Webbook
rinpol	1214.00		NIST Webbook
rinpol	1213.00		NIST Webbook
rinpol	1209.00		NIST Webbook
rinpol	1213.00		NIST Webbook
rinpol	1224.00		NIST Webbook
rinpol	1224.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C51621784&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C51621784&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

# Legend

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

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