

# 3-Ketovaleric acid, bis(trimethylsilyl)-

<b>Other names:</b>	3-Oxovaleric acid, di(trimethylsilyl) deriv. Trimethylsilyl 3-[(trimethylsilyl)oxy]-2-pentenoate 3-Ketovaleric acid, enol, di-TMS 3-Ketovaleric acid, enol, di-TMS, #2 3-Ketovaleric acid, enol, di-TMS, #1
<b>Inchi:</b>	InChI=1S/C11H24O3Si2/c1-8-10(13-15(2,3)4)9-11(12)14-16(5,6)7/h9H,8H2,1-7H3/b10-9
<b>InchiKey:</b>	JTLUJJMBZMUDAC-KTKRTIGZSA-N
<b>Formula:</b>	C11H24O3Si2
<b>SMILES:</b>	CCC(=CC(=O)O[Si](C)(C)C)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	260.48
<b>CAS:</b>	98779-01-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.17		Crippen Method
logp	3.510		Crippen Method
rinpol	1304.00		NIST Webbook
rinpol	1283.00		NIST Webbook
rinpol	1297.00		NIST Webbook
rinpol	1283.00		NIST Webbook
rinpol	1283.00		NIST Webbook

## Sources

<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>
<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=C98779012&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C98779012&amp;Units=SI</a>

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

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