

# 3-(tert-Butyldimethylsilyl)oxyiminobutan-2-one

<b>Other names:</b>	3-Hydroxyiminobutan-2-one tBDMS
<b>Inchi:</b>	InChI=1S/C10H21NO2Si/c1-8(9(2)12)11-13-14(6,7)10(3,4)5/h1-7H3
<b>InchiKey:</b>	VSYM TYBLFLNHDN-UHFFFAOYSA-N
<b>Formula:</b>	C10H21NO2Si
<b>SMILES:</b>	CC(=O)C(C)=NO[Si](C)(C)C(C)(C)C
<b>Mol. weight [g/mol]:</b>	215.36

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.58		Crippen Method
logp	2.973		Crippen Method
rinpol	1183.00		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=U373032&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373032&amp;Units=SI</a>

## Legend

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

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