

# 3-Butenoic acid, tert-butyldimethylsilyl ester

<b>Other names:</b>	tert-Butyl(dimethyl)silyl but-3-enoate 3-Butenoic acid, tbdms derivative
<b>Inchi:</b>	InChI=1S/C10H20O2Si/c1-7-8-9(11)12-13(5,6)10(2,3)4/h7H,1,8H2,2-6H3
<b>InchiKey:</b>	ACAPMVQJXTXROZ-UHFFFAOYSA-N
<b>Formula:</b>	C10H20O2Si
<b>SMILES:</b>	C=CCC(=O)O[Si](C)(C)C(C)(C)C
<b>Mol. weight [g/mol]:</b>	200.35

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.78		Crippen Method
logp	3.111		Crippen Method
rinpola	1088.60		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U333147&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333147&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>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

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

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