

# 1-Methylimidazole-4-acetic acid, TMS

<b>Inchi:</b>	InChI=1S/C9H16N2O2Si/c1-11-6-8(10-7-11)5-9(12)13-14(2,3)4/h6-7H,5H2,1-4H3
<b>InchiKey:</b>	RYZHLXBMHFWTEU-UHFFFAOYSA-N
<b>Formula:</b>	C9H16N2O2Si
<b>SMILES:</b>	Cn1cnc(CC(=O)O[Si](C)(C)C)c1
<b>Mol. weight [g/mol]:</b>	212.32

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.50		Crippen Method
logp	1.341		Crippen Method
rinpol	1631.00		NIST Webbook
rinpol	1631.00		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=R93533&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R93533&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</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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