

# 1H-Indole-3-acetic acid, 1-(trimethylsilyl)-, trimethylsilyl ester

<b>Other names:</b>	Indol-3-acetic acid, di-TMS Indol-3-acetic acid, (2TMS) Indole-3-acetic acid, 2TMS Indole-3-acetic acid, bis-TMS Indole-3-acetic acid, diTMS Indole-3-acetic acid, TMS Indoleacetic acid, TMS Indol-3-acetic acid, TMS 3-Indoleacetic acid, 2tms derivative
<b>Inchi:</b>	InChI=1S/C16H25NO2Si2/c1-20(2,3)17-12-13(11-16(18)19-21(4,5)6)14-9-7-8-10-15(14)
<b>InchiKey:</b>	WKJCHYMUOINQGJ-UHFFFAOYSA-N
<b>Formula:</b>	C16H25NO2Si2
<b>SMILES:</b>	C[Si](C)(C)OC(=O)Cc1cn([Si](C)(C)C)c2ccccc12
<b>Mol. weight [g/mol]:</b>	319.55
<b>CAS:</b>	56114-66-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.59		Crippen Method
logp	4.245		Crippen Method
rinpol	1984.00		NIST Webbook
rinpol	1985.00		NIST Webbook
rinpol	1979.00		NIST Webbook
rinpol	1938.00		NIST Webbook
rinpol	1974.60		NIST Webbook
rinpol	1981.00		NIST Webbook
rinpol	1974.60		NIST Webbook

## Sources

<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>
<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=C56114660&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C56114660&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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