

# 5-Chloro-1H-indole-2-carboxylic acid, tert-butyldimethylsilyl ester

<b>Other names:</b>	5-Chloro-1H-indole-2-carboxylic acid, BDMS
<b>Inchi:</b>	InChI=1S/C15H20ClNO2Si/c1-15(2,3)20(4,5)19-14(18)13-9-10-8-11(16)6-7-12(10)17-13
<b>InchiKey:</b>	JYUAWRCUJOP LTK-UHFFFAOYSA-N
<b>Formula:</b>	C15H20ClNO2Si
<b>SMILES:</b>	CC(C)(C)[Si](C)(C)OC(=O)c1cc2cc(Cl)ccc2[nH]1
<b>Mol. weight [g/mol]:</b>	309.86

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.57		Crippen Method
logp	4.501		Crippen Method
rinpol	2269.00		NIST Webbook
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## 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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U373347&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373347&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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