

# 3-Chloro-N-(tert-butyldimethylsilyl)aniline

<b>Other names:</b>	1-tert-Butyl-N-(3-chlorophenyl)-1,1-dimethylsilanamine
<b>Inchi:</b>	InChI=1S/C12H20ClNSi/c1-12(2,3)15(4,5)14-11-8-6-7-10(13)9-11/h6-9,14H,1-5H3
<b>InchiKey:</b>	VNAWFLYJGAPSHA-UHFFFAOYSA-N
<b>Formula:</b>	C12H20ClNSi
<b>SMILES:</b>	CC(C)(C)[Si](C)(C)Nc1cccc(Cl)c1
<b>Mol. weight [g/mol]:</b>	241.83

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.31		Crippen Method
logp	4.757		Crippen Method
rinpol	1620.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U373267&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373267&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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.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>rinpol:</b>	Non-polar retention indices

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