

N-Trimethylsilylcyclohexylamine

Other names:	Cyclohexanamine, mono-TMS Cyclohexanamine, tms derivative
Inchi:	InChI=1S/C9H21NSi/c1-11(2,3)10-9-7-5-4-6-8-9/h9-10H,4-8H2,1-3H3
InchiKey:	HFZCSLHSASWKBB-UHFFFAOYSA-N
Formula:	C9H21NSi
SMILES:	C[Si](C)(C)NC1CCCCC1
Mol. weight [g/mol]:	171.36
CAS:	5577-68-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.84		Crippen Method
logp	2.744		Crippen Method
rinpol	1061.00		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C5577684&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/32-581-1/N-Trimethylsilylcyclohexylamine.pdf>

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