

tert-Butylaminotrimethylsilane

Other names:	tert-C ₄ H ₉ NHSi(CH ₃) ₃
Inchi:	InChI=1S/C7H19NSi/c1-7(2,3)8-9(4,5)6/h8H,1-6H3
InchiKey:	GVHIREZHTRULPT-UHFFFAOYSA-N
Formula:	C ₇ H ₁₉ NSi
SMILES:	CC(C)(C)N[Si](C)(C)C
Mol. weight [g/mol]:	145.32
CAS:	5577-67-3

Physical Properties

Property code	Value	Unit	Source
ie	8.41 ± 0.05	eV	NIST Webbook
log10ws	-0.10		Crippen Method
logp	2.209		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C5577673&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/66-953-1/tert-Butylaminotrimethylsilane.pdf>

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