

Bis(trimethylsilyl)sarcosine

Other names:	N,o-Bis-(trimethylsilyl)sarcosine Trimethylsilyl [methyl(trimethylsilyl)amino]acetate Sar, di-TMS Sarcosine, N,O-bis-TMS Sar, TMS Sarcosine, 2tms derivative
Inchi:	InChI=1S/C9H23NO2Si2/c1-10(13(2,3)4)8-9(11)12-14(5,6)7/h8H2,1-7H3
InchiKey:	NBSLFBORXHPAGU-UHFFFAOYSA-N
Formula:	C9H23NO2Si2
SMILES:	CN(CC(=O)O[Si](C)(C)C)[Si](C)(C)C
Mol. weight [g/mol]:	233.46
CAS:	7364-43-4

Physical Properties

Property code	Value	Unit	Source
log10ws	2.88		Crippen Method
logp	2.131		Crippen Method
rinpol	1143.00		NIST Webbook
rinpol	1161.00		NIST Webbook
rinpol	1161.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C7364434&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

rinpol: Non-polar retention indices

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