

Sarcosine, N-(tert-butyldimethylsilyl)-, tert-butyldimethylsilyl ester

Other names:	Sar, bis-TBDMS Sar, TBDMS Sarcosine, 2tbdms derivative
Inchi:	InChI=1S/C15H35NO2Si2/c1-14(2,3)19(8,9)16(7)12-13(17)18-20(10,11)15(4,5)6/h12H2,
InchiKey:	KSCRPLBLMHTJSN-UHFFFAOYSA-N
Formula:	C15H35NO2Si2
SMILES:	CN(CC(=O)O[Si](C)(C)C(C)(C)C)[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	317.61
CAS:	110024-89-0

Physical Properties

Property code	Value	Unit	Source
log10ws	0.36		Crippen Method
logp	4.472		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C110024890&Units=SI

Legend

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

Latest version available from:

<https://www.cheméo.com/cid/115-413-5/Sarcosine-N-tert-butyldimethylsilyl-tert-butyldimethylsilyl-ester.pdf>

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