

L-Serine, o-(tert-butyldimethylsilyl)-, tert-butyldimethylsilyl ester

Other names:	L-serine, 2tbdms
Inchi:	InChI=1S/C15H35NO3Si2/c1-14(2,3)20(7,8)18-11-12(16)13(17)19-21(9,10)15(4,5)6/h12
InchiKey:	DQLUFHZZPWDHHW-UHFFFAOYSA-N
Formula:	C15H35NO3Si2
SMILES:	CC(C)(C)[Si](C)(C)OCC(N)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	333.61

Physical Properties

Property code	Value	Unit	Source
log10ws	0.30		Crippen Method
logp	3.884		Crippen Method
rinpol	1690.60		NIST Webbook
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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=U333283&Units=SI

Legend

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

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