

N,N-Dimethylglycine, tert-butyldimethylsilyl ester

Other names:	N,n-dimethylglycine, tbdms derivative
Inchi:	InChI=1S/C10H23NO2Si/c1-10(2,3)14(6,7)13-9(12)8-11(4)5/h8H2,1-7H3
InchiKey:	JOCBLFCSSSVFGN-UHFFFAOYSA-N
Formula:	C10H23NO2Si
SMILES:	CN(C)CC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	217.38

Physical Properties

Property code	Value	Unit	Source
log10ws	0.51		Crippen Method
logp	2.096		Crippen Method
rinpol	1199.10		NIST Webbook
rinpol	1199.10		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333875&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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

Latest version available from:

<https://www.chemeo.com/cid/36-087-6/N-N-Dimethylglycine-tert-butyldimethylsilyl-ester.pdf>

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