

tert-Butyldimethylsilyl 4-(1-(tert-butyldimethylsilyl)-2,2-dimethylhydrazin

Other names:	4-(N',N'-dimethylhydrazino)-4-oxo-butanoic acid, 2BDMS
Inchi:	InChI=1S/C18H40N2O3Si2/c1-17(2,3)24(9,10)20(19(7)8)15(21)13-14-16(22)23-25(11,12)
InchiKey:	AVJWDRLZLVGLPB-UHFFFAOYSA-N
Formula:	C18H40N2O3Si2
SMILES:	CN(C)N(C(=O)CCC(=O)O[Si](C)(C)C(C)(C)C)[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	388.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.23		Crippen Method
logp	4.625		Crippen Method
rinpol	1871.00		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=U373262&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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