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
rinpol	1871.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.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