Trimethylsilyl 4-(2,2-dimethyl-1-(trimethylsilyl(hydrazino)-4-oxo-

Other names: 4-(N',N'-dimethylhydrazino)-4-oxo-butanoic acid, 2TMS

Inchi: InChI=1S/C12H28N2O3Si2/c1-13(2)14(18(3,4)5)11(15)9-10-12(16)17-19(6,7)8/h9-10H2,

InchiKey: FPQZGXIFUJENRA-UHFFFAOYSA-N

Formula: C12H28N2O3Si2

SMILES: CN(C)N(C(=O)CCC(=O)O[Si](C)(C)C)[Si](C)(C)C

Mol. weight [g/mol]: 304.53

Physical Properties

Property code	Value	Unit	Source
log10ws	2.28		Crippen Method
logp	2.285		Crippen Method
rinpol	1445.00		NIST Webbook
rinpol	1445.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U373261&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