

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/ci9903071
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/116-104-7/Trimethylsilyl-4-2-2-dimethyl-1-trimethylsilyl-hydrazino-4-oxo-butanoate.pdf>

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