N-{4-[Bis(tert-butyldimethylsilyl)amino]butyl}aceta

Inchi: InChI=1S/C18H42N2OSi2/c1-16(21)19-14-12-13-15-20(22(8,9)17(2,3)4)23(10,11)18(5,6)

InchiKey: XQIZAIVUEGRECT-UHFFFAOYSA-N

Formula: C18H42N2OSi2

SMILES: CC(=O)NCCCCN([Si](C)(C)C(C)(C)C)[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 358.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.99		Crippen Method
logp	5.215		Crippen Method
rinpol	1923.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U378730&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