

N-(4-[Bis(trimethylsilyl)amino]butyl)acetamide

Other names:	N-(Trimethylsilyl)-N-(4-((trimethylsilyl)amino)butyl)acetamide N-{4-[Bis(trimethylsilyl)amino]butyl}acetamide
Inchi:	InChI=1S/C12H30N2OSi2/c1-12(15)13-10-8-9-11-14(16(2,3)4)17(5,6)7/h8-11H2,1-7H3,(
InchiKey:	JDNHQAHXHWRXTD-UHFFFAOYSA-N
Formula:	C12H30N2OSi2
SMILES:	CC(O)=NCCCCN([Si](C)(C)C)[Si](C)(C)C
Mol. weight [g/mol]:	274.55

Physical Properties

Property code	Value	Unit	Source
log10ws	1.50		Crippen Method
logp	3.715		Crippen Method
rinpola	1775.00		NIST Webbook
rinpola	1775.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U378731&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpola:	Non-polar retention indices

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