

N-(4-Aminobutyl)acetamide, 4-N-(tert-butyldimethylsilyl)-

Other names: N-(4-[(tert-Butyldimethylsilyl)amino]butyl)acetamide

N-{4-[(tert-Butyldimethylsilyl)amino]butyl}acetamide

Inchi: InChI=1S/C12H28N2OSi/c1-11(15)13-9-7-8-10-14-16(5,6)12(2,3)4/h14H,7-10H2,1-6H3,(

InchiKey: LUPKDBNOJJNYEH-UHFFFAOYSA-N

Formula: C12H28N2OSi

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

Mol. weight [g/mol]: 244.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.05		Crippen Method
logp	2.497		Crippen Method
rinpola	1769.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U378729&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpola: Non-polar retention indices

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