Hexanedioic acid, 2-[(tert-butyldimethylsilyl)amino]-, bis(tert-butyldimethylsilyl) ester

Other names: 2-Aminoadipic acid, triTBDMS

Inchi: InChI=1S/C24H53NO4Si3/c1-22(2,3)30(10,11)25-19(21(27)29-32(14,15)24(7,8)9)17-16-

InchiKey: RGUBLCRZWHPPNO-UHFFFAOYSA-N

Formula: C24H53NO4Si3

SMILES: CC(C)(C)[Si](C)(C)NC(CCCC(=O)O[Si](C)(C)C(C)(C)C)C(=O)O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 503.94

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.05		Crippen Method
logp	7.217		Crippen Method
rinpol	2386.00		NIST Webbook
rinpol	2366.90		NIST Webbook
rinpol	2386.00		NIST Webbook
rinpol	2366.90		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U221665&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.