

dl-2-Aminoadipic acid, bis(trimethylsilyl) ester

Other names:	2-Aminoadipic acid, 2tms derivative
Inchi:	InChI=1S/C12H27NO4Si2/c1-18(2,3)16-11(14)9-7-8-10(13)12(15)17-19(4,5)6/h10H,7-9,1
InchiKey:	RBNQKFRSUAOXHK-UHFFFAOYSA-N
Formula:	C12H27NO4Si2
SMILES:	C[Si](C)(C)OC(=O)CCCC(N)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	305.52

Physical Properties

Property code	Value	Unit	Source
log10ws	1.78		Crippen Method
logp	2.240		Crippen Method
rinpol	1621.60		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333668&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

Latest version available from:

<https://www.chemeo.com/cid/24-931-1/dl-2-Aminoadipic-acid-bis-trimethylsilyl-ester.pdf>

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