

Dodecandioic acid, tert-butyldimethylsilyl ester

Other names:	12-Pyrrol[tert-butyl(dimethyl)silyl]oxymorpho-12-oxododecanoic acid Dodecanedioic acid, tbdms derivative
Inchi:	InChI=1S/C18H36O4Si/c1-18(2,3)23(4,5)22-17(21)15-13-11-9-7-6-8-10-12-14-16(19)20/
InchiKey:	KJNGRZONQWZKQB-UHFFFAOYSA-N
Formula:	C18H36O4Si
SMILES:	CC(C)(C)[Si](C)(C)OC(=O)CCCCCCCCCCC(=O)O
Mol. weight [g/mol]:	344.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.37		Crippen Method
logp	5.520		Crippen Method
rinpola	2246.50		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=U332828&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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