

10-Undecenoic acid, tert-butyldimethylsilyl ester

Other names:	10-Undecenoic acid, tbdms derivative
Inchi:	InChI=1S/C17H34O2Si/c1-7-8-9-10-11-12-13-14-15-16(18)19-20(5,6)17(2,3)4/h7H,1,8-1
InchiKey:	UNKQCPOHUHBMPPF-UHFFFAOYSA-N
Formula:	C17H34O2Si
SMILES:	C=CCCCCCCCC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	298.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.71		Crippen Method
logp	5.842		Crippen Method
rinpol	1778.80		NIST Webbook
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Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333571&Units=SI

Legend

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

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<https://www.chemeo.com/cid/49-221-2/10-Undecenoic-acid-tert-butyldimethylsilyl-ester.pdf>

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