

10-Undecynoic acid, tert-butyldimethylsilyl ester

Other names:	10-Undecynoic acid, tbdms derivative
Inchi:	InChI=1S/C17H32O2Si/c1-7-8-9-10-11-12-13-14-15-16(18)19-20(5,6)17(2,3)4/h1H,8-15H
InchiKey:	YAENHAJYNAQXOR-UHFFFAOYSA-N
Formula:	C17H32O2Si
SMILES:	C#CCCCCCCCC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	296.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.65		Crippen Method
logp	5.289		Crippen Method
rinpol	1805.80		NIST Webbook
rinpol	1805.80		NIST Webbook

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=U333576&Units=SI

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/65-419-5/10-Undecynoic-acid-tert-butyldimethylsilyl-ester.pdf>

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