

# Undecanedioic acid, bis(tert-butyldimethylsilyl) ester

Other names:	Undecanedioic acid, 2tbdms derivative
Inchi:	InChI=1S/C23H48O4Si2/c1-22(2,3)28(7,8)26-20(24)18-16-14-12-11-13-15-17-19-21(25)
InchiKey:	DKLKSFHLXCJSSD-UHFFFAOYSA-N
Formula:	C23H48O4Si2
SMILES:	CC(C)(C)[Si](C)(C)OC(=O)CCCCCCCCC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	444.80

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.28		Crippen Method
logp	7.594		Crippen Method
rinsol	2465.50		NIST Webbook
rinsol	2465.50		NIST Webbook

## Sources

Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U352561&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U352561&amp;Units=SI</a>

## Legend

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

Latest version available from:

<https://www.cheméo.com/cid/45-598-9/Undecanedioic-acid-bis-tert-butyldimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-04-19 20:02:23.211847144 +0000 UTC m=+15846192.132424456.

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