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)CCCCCCCCCC(=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
rinpol	2465.50		NIST Webbook
rinpol	2465.50		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U352561&Units=SI

Legend

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