trans-13-Octadecenoic acid, tert-butyldimethylsilyl ester

Other names: 13-Octadecenoic acid, (e)-, tbdms derivative
Inchi: InChI=1S/C24H48O2Si/c1-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23(25)26-27(
InchiKey: VHNVVKIRQGPQFX-ZHACJKMWSA-N
Formula: C24H48O2Si
SMILES: CCCCC=CCCCCCCCCCCCC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 396.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.64		Crippen Method
logp	8.572		Crippen Method
rinpol	2475.00		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=U333616&Units=SI

Legend

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