(+)-«alpha»-Tocopherol, O-tert.-butyldimethylsilyl-

Inchi: InChI=1S/C35H64O2Si/c1-25(2)17-14-18-26(3)19-15-20-27(4)21-16-23-35(11)24-22-31-

InchiKey: LCSOAOILNQNJJN-UHFFFAOYSA-N

Formula: C35H64O2Si

SMILES: Cc1c(C)c2c(c(C)c1O[Si](C)(C)C(C)(C)C)CCC(C)(CCCC(C)CCCC(C)CCCC(C)C)O2

Mol. weight [g/mol]: 544.97

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.48		Crippen Method
logp	11.519		Crippen Method
rinpol	3419.00		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=U374757&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:
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