

«beta»-Tocopherol, O-tert.-butyldimethylsilyl-

Inchi: InChI=1S/C34H62O2Si/c1-25(2)16-13-17-26(3)18-14-19-27(4)20-15-22-34(10)23-21-30-
InchiKey: DENPJXVPFPWDKI-UHFFFAOYSA-N
Formula: C34H62O2Si
SMILES: Cc1cc(O[Si](C)(C)C(C)(C)C)c(C)c2c1OC(C)(CCCC(C)CCCC(C)CCCC(C)C)CC2
Mol. weight [g/mol]: 530.94

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.01		Crippen Method
logp	11.210		Crippen Method
rinpol	3260.00		NIST Webbook
rinpol	3260.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U374738&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/97-165-2/beta-Tocopherol-O-tert-butyldimethylsilyl.pdf>

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