

(+)-«gamma»-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: LUVCXOXMDDMASH-UHFFFAOYSA-N
Formula: C34H62O2Si
SMILES: Cc1c(O[Si](C)(C)C(C)(C)C)cc2c(c1C)OC(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	3269.00		NIST Webbook
rinpol	3269.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U374721&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:

<https://www.chemeo.com/cid/44-044-4/gamma-Tocopherol-O-tert-butyldimethylsilyl.pdf>

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