

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

Inchi: InChI=1S/C33H60O2Si/c1-25(2)15-12-16-26(3)17-13-18-27(4)19-14-21-33(9)22-20-29-2
InchiKey: GCXSRBDGFCXGDD-UHFFFAOYSA-N
Formula: C33H60O2Si
SMILES: Cc1cc(O[Si](C)(C)C(C)(C)C)cc2c1OC(C)(CCCC(C)CCCC(C)CCCC(C)C)CC2
Mol. weight [g/mol]: 516.91

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.53		Crippen Method
logp	10.902		Crippen Method
rinsol	3153.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U374730&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/97-227-3/delta-Tocopherol-O-tert-butyldimethylsilyl.pdf>

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