

Ethanediol, 1,2-diphenyl, DTBS

Inchi: InChI=1S/C22H30O2Si/c1-21(2,3)25(22(4,5)6)23-19(17-13-9-7-10-14-17)20(24-25)18-15
InchiKey: URSROXKIQRVHHV-BGYRXZFFSA-N
Formula: C22H30O2Si
SMILES: CC(C)(C)[Si]1(C(C)(C)C)OC(c2ccccc2)C(c2ccccc2)O1
Mol. weight [g/mol]: 354.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.86		Crippen Method
logp	6.558		Crippen Method
rinpol	2330.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R115376&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
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/29-602-1/Ethanediol-1-2-diphenyl-DTBS.pdf>

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