1,2-Propanediol, 3-(4-chlorophenyloxy), DTBS

Inchi: InChI=1S/C16H25ClO3Si/c1-15(2,3)21(16(4,5)6)18-11-14(20-21)19-13-9-7-12(17)8-10-1
InchiKey: DIMCNIKGJLRNST-UHFFFAOYSA-N
Formula: C16H25ClO3Si
SMILES: CC(C)(C)[Si]1(C(C)(C)C)OCC(Oc2ccc(Cl)cc2)O1
Mol. weight [g/mol]: 328.91

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.35		Crippen Method
logp	5.134		Crippen Method
rinpol	2110.00		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=R41061&Units=SI

Legend

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