Bisphenol, bis(tert-butyldimethylsilyl) ether

Other names: Bisphenol a, 2tbdms derivative
Inchi: InChI=1S/C27H44O2Si2/c1-25(2,3)30(9,10)28-23-17-13-21(14-18-23)27(7,8)22-15-19-24
InchiKey: UBQOPYRGNNTVOC-UHFFFAOYSA-N
Formula: C27H44O2Si2
SMILES: CC(C)(c1ccc(O[Si](C)(C)C(C)(C)C)cc1)c1ccc(O[Si](C)(C)C(C)(C)C)cc1
Mol. weight [g/mol]: 456.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.61		Crippen Method
logp	8.780		Crippen Method
rinpol	2723.10		NIST Webbook
rinpol	2723.10		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=U333473&Units=SI

Legend

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