

4-(2-Hydroxyethyl)-2,2-dimethyl-1,3-dioxolane, benzyldimethylsilyl ether

Inchi:	InChI=1S/C16H26O3Si/c1-16(2)17-12-15(19-16)10-11-18-20(3,4)13-14-8-6-5-7-9-14/h5-
InchiKey:	RJIVMXCOJIHTJR-UHFFFAOYSA-N
Formula:	C16H26O3Si
SMILES:	CC1(C)OCC(CCO[Si](C)(C)Cc2ccccc2)O1
Mol. weight [g/mol]:	294.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.64		Crippen Method
logp	3.532		Crippen Method
rinpol	1811.00		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=U376045&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

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<https://www.chemeo.com/cid/24-208-4/4-2-Hydroxyethyl-2-2-dimethyl-1-3-dioxolane-benzyldimethylsilyl-ether.pdf>

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