

1,4-butanediol, tBDMS

Other names:	1,4-Butanediol, bis-DMTBS
Inchi:	InChI=1S/C16H38O2Si2/c1-15(2,3)19(7,8)17-13-11-12-14-18-20(9,10)16(4,5)6/h11-14H2
InchiKey:	FQBZLVHZDYXUDM-UHFFFAOYSA-N
Formula:	C16H38O2Si2
SMILES:	CC(C)(C)[Si](C)(C)OCCCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	318.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.80		Crippen Method
logp	5.810		Crippen Method
rinpol	1595.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R64667&Units=SI

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/78-366-0/1-4-butanediol-tBDMS.pdf>

Generated by Cheméo on 2024-04-29 03:56:38.254246896 +0000 UTC m=+16652247.174824218.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.