

trans-Tetralin-1,2-diol, bis-TMS

Inchi: InChI=1S/C16H28O2Si2/c1-19(2,3)17-15-12-11-13-9-7-8-10-14(13)16(15)18-20(4,5)6/h7
InchiKey: JGDCPOJDRJELAW-HZPDHXFCSA-N
Formula: C16H28O2Si2
SMILES: C[Si](C)(C)OC1CCc2ccccc2C1O[Si](C)(C)C
Mol. weight [g/mol]: 308.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.33		Crippen Method
logp	4.745		Crippen Method
rinpol	1650.00		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=R109896&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/53-404-4/trans-Tetralin-1-2-diol-bis-TMS.pdf>

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