Naphthoresorcinol, O,O'-di(trimethylsilyl)-

Other names: 1,3-Naphthalenediol, bis-TMS
Inchi: InChI=1S/C16H24O2Si2/c1-19(2,3)17-14-11-13-9-7-8-10-15(13)16(12-14)18-20(4,5)6/h7
InchiKey: DEBMPDNADXPYNE-UHFFFAOYSA-N
Formula: C16H24O2Si2
SMILES: C[Si](C)(C)Oc1cc(O[Si](C)(C)C)c2ccccc2c1
Mol. weight [g/mol]: 304.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.29		Crippen Method
logp	5.267		Crippen Method
rinpol	1865.00		NIST Webbook
rinpol	1829.00		NIST Webbook
rinpol	1865.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U374461&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/123-296-7/Naphthoresorcinol-O-O-di-trimethylsilyl.pdf
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