2,3-Dihydroxynaphthalene, bis(trimethylsilyl) ether

Other names: 2,3-Naphthalenediol, 2tms derivative

Inchi: InChI=1S/C16H24O2Si2/c1-19(2,3)17-15-11-13-9-7-8-10-14(13)12-16(15)18-20(4,5)6/h7

InchiKey: RGNSCIMQCUDXCF-UHFFFAOYSA-N

Formula: C16H24O2Si2

SMILES: C[Si](C)(C)Oc1cc2ccccc2cc1O[Si](C)(C)C

Mol. weight [g/mol]: 304.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.29		Crippen Method
logp	5.267		Crippen Method
rinpol	1828.70		NIST Webbook
rinpol	1828.70		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=U352825&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/30-469-8/2-3-Dihydroxynaphthalene-bis-trimethylsilyl-ether.pdf

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