

Hydroquinone bis(trimethylsilyl) ether

Other names:	1,4-Bis(trimethylsiloxy)benzene Silane, [1,4-phenylenebis(oxy)]bis[trimethyl- Silane, (p-phenylenedioxy)bis[trimethyl- 1,4-Dihydroxybenzene, bisTMS ether Hydroquinone, bisTMS Hydroquinone, TMS 1,4-Dihydroxybenzene, TMS 1,4-Benzenediol, bis-trimethylsilyl ether Silane, [1,4-phenylenebis(oxy)]bis*trimethyl- Silane, (p-phenylenedioxy)bis*trimethyl- Trimethyl(4-[(trimethylsilyl)oxy]phenoxy)silane Hydroquinone, 2tms derivative
Inchi:	InChI=1S/C12H22O2Si2/c1-15(2,3)13-11-7-9-12(10-8-11)14-16(4,5)6/h7-10H,1-6H3
InchiKey:	DVLYYIZODAWMML-UHFFFAOYSA-N
Formula:	C12H22O2Si2
SMILES:	C[Si](C)(C)Oc1ccc(O[Si](C)(C)C)cc1
Mol. weight [g/mol]:	254.47
CAS:	2117-24-0

Physical Properties

Property code	Value	Unit	Source
log10ws	0.51		Crippen Method
logp	4.114		Crippen Method
rinpol	1397.00		NIST Webbook
rinpol	1409.00		NIST Webbook
rinpol	1410.00		NIST Webbook
rinpol	1410.00		NIST Webbook
rinpol	1408.00		NIST Webbook
rinpol	1408.00		NIST Webbook
rinpol	1408.00		NIST Webbook
rinpol	1411.00		NIST Webbook
rinpol	1397.00		NIST Webbook
rinpol	1409.00		NIST Webbook
rinpol	1409.00		NIST Webbook
rinpol	1410.00		NIST Webbook
rinpol	1409.00		NIST Webbook
rinpol	1409.00		NIST Webbook

rinpol	1400.00	NIST Webbook
rinpol	1396.30	NIST Webbook
rinpol	1410.00	NIST Webbook
rinpol	1410.00	NIST Webbook
rinpol	1401.00	NIST Webbook
rinpol	1401.00	NIST Webbook

Sources

Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C2117240&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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