1,2-Benzenediol bis(trimethylsilyl) ether

Other names:	Silane, [1,2-phenylenebis(oxy)]bis[trimethyl- Silane, (o-phenylenedioxy)bis[trimethyl- 1,2-Bis(trimethylsiloxy)benzene Silane, [1,2-phenylenebis(oxy)]bis*trimethyl- Silane, (o-phenylenedioxy)bis*trimethyl- Trimethyl(2-[(trimethylsilyl)oxy]phenoxy)silane 1,2-Dihydroxybenzene, bisTMS ether Pyrocatechol, TMS 1,2-Dihydroxybenzene, TMS Catechol, 2tms derivative
Inchi:	InChI=1S/C12H22O2Si2/c1-15(2,3)13-11-9-7-8-10-12(11)14-16(4,5)6/h7-10H,1-6H3
InchiKey:	GEHYZCCVQVOFAF-UHFFFAOYSA-N
Formula:	C12H22O2Si2
SMILES:	C[Si](C)(C)Oc1ccccc1O[Si](C)(C)C
Mol. weight [g/mol]:	254.47
CAS:	5075-52-5

Physical Properties

Property code	Value	Unit	Source
log10ws	0.51		Crippen Method
logp	4.114		Crippen Method
rinpol	1321.00		NIST Webbook
rinpol	1309.00		NIST Webbook
rinpol	1330.00		NIST Webbook
rinpol	1322.00		NIST Webbook
rinpol	1322.00		NIST Webbook
rinpol	1330.00		NIST Webbook
rinpol	1321.00		NIST Webbook
rinpol	1305.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C5075525&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