

1,4-Bis(trimethylsilyl)benzene

Other names:	Silane, 1,4-phenylenebis[trimethyl- Silane, p-phenylenebis[trimethyl- p-Bis(trimethylsilyl)benzene Benzene, p-bis(trimethylsilyl)- p-Phenylenebis(trimethylsilane) Trimethyl[4-(trimethylsilyl)phenyl]silane
Inchi:	InChI=1S/C12H22Si2/c1-13(2,3)11-7-9-12(10-8-11)14(4,5)6/h7-10H,1-6H3
InchiKey:	NVRBTKMAZQNKPX-UHFFFAOYSA-N
Formula:	C12H22Si2
SMILES:	C[Si](C)(C)c1ccc([Si](C)(C)C)cc1
Mol. weight [g/mol]:	222.47
CAS:	13183-70-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.81		Crippen Method
logp	2.777		Crippen Method

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=C13183705&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

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<https://www.chemeo.com/cid/93-822-6/1-4-Bis-trimethylsilyl-benzene.pdf>

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