

Pyrocatechol, bis(tert-butyldimethylsilyl) ether

Other names:	Catechol, 2tbdfs derivative
Inchi:	InChI=1S/C18H34O2Si2/c1-17(2,3)21(7,8)19-15-13-11-12-14-16(15)20-22(9,10)18(4,5)6
InchiKey:	MXBBMBQKOKWYOQ-UHFFFAOYSA-N
Formula:	C18H34O2Si2
SMILES:	CC(C)(C)[Si](C)(C)Oc1ccccc1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	338.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.00		Crippen Method
logp	6.455		Crippen Method
rinpol	1779.50		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352583&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/113-065-4/Pyrocatechol-bis-tert-butyldimethylsilyl-ether.pdf>

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