

Ethanol, (2-(3,4-dihydroxyphenyl)-, tris(trimethylsilyl)-

Other names:	Ethanol, (2-(3,4-dihydroxyphenyl)-, (3TMS)
Inchi:	InChI=1S/C17H34O3Si3/c1-21(2,3)18-13-12-15-10-11-16(19-22(4,5)6)17(14-15)20-23(7
InchiKey:	IAZRADYZGTUREJ-UHFFFAOYSA-N
Formula:	C17H34O3Si3
SMILES:	C[Si](C)(C)OCCc1ccc(O[Si](C)(C)C)c(O[Si](C)(C)C)c1
Mol. weight [g/mol]:	370.71
CAS:	68595-80-2

Physical Properties

Property code	Value	Unit	Source
log10ws	1.32		Crippen Method
logp	5.508		Crippen Method
rinpola	1756.10		NIST Webbook
rinpola	1756.10		NIST Webbook

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=C68595802&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpola:	Non-polar retention indices

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<https://www.chemeo.com/cid/118-471-8/Ethanol-2-3-4-dihydroxyphenyl-tris-trimethylsilyl.pdf>

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