

(4-Hydroxy-3-methoxyphenyl)ethylene glycol tris(trimethylsilyl) ether

Other names:	4-Hydroxy-3-methoxyphenylene glycol triTMS 1,2-Ethanediol, 4-hydroxy-3-methoxyphenyl, tris-TMS 4-Hydroxy-3-methoxyphenylglycol, 3tms derivative
Inchi:	InChI=1S/C18H36O4Si3/c1-19-17-13-15(11-12-16(17)21-24(5,6)7)18(22-25(8,9)10)14-2
InchiKey:	AAFYLSSHQRPLSR-UHFFFAOYSA-N
Formula:	C18H36O4Si3
SMILES:	COc1cc(C(CO[Si](C)(C)C)O[Si](C)(C)C)ccc1O[Si](C)(C)C
Mol. weight [g/mol]:	400.73
CAS:	68595-81-3

Physical Properties

Property code	Value	Unit	Source
log10ws	1.35		Crippen Method
logP	5.653		Crippen Method
rinpol	1850.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C68595813&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

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

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<https://www.chemeo.com/cid/59-579-5/4-Hydroxy-3-methoxyphenyl-ethylene-glycol-tris-trimethylsilyl-ether.pdf>

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