

1,1,1,5,7,7,7-Heptamethyl-3,3,5-tris(trimethylsiloxy)

Other names:	1,3,3,3-Tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl tris(trimethylsilyl) orthosilicate Heptamethyl-3,3,5-tris-(trimethylsilyloxy)tetrasiloxane
Inchi:	InChI=1S/C16H48O6Si7/c1-23(2,3)17-28(16,18-24(4,5)6)22-29(19-25(7,8)9,20-26(10,11
InchiKey:	LSTVNANFBKAALN-UHFFFAOYSA-N
Formula:	C16H48O6Si7
SMILES:	C[Si](C)(C)O[Si](C)(O[Si](C)(C)C)O[Si](O[Si](C)(C)C)(O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]:	533.15
CAS:	34915-06-5

Physical Properties

Property code	Value	Unit	Source
log10ws	9.69		Crippen Method
logp	6.265		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C34915065&Units=SI

Legend

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

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