

Silicic acid, tetraallyl ester

Other names:	tetraallyl orthosilicate
Inchi:	InChI=1S/C12H20O4Si/c1-5-9-13-17(14-10-6-2,15-11-7-3)16-12-8-4/h5-8H,1-4,9-12H2
InchiKey:	SQAIGLXMIMWFEQ-UHFFFAOYSA-N
Formula:	C12H20O4Si
SMILES:	C=CCO[Si](OCC=C)(OCC=C)OCC=C
Mol. weight [g/mol]:	256.37
CAS:	1067-43-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.41		Crippen Method
logp	2.232		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1067432&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

Latest version available from:

<https://www.chemeo.com/cid/85-165-5/Silicic-acid-tetraallyl-ester.pdf>

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