

Silicic acid, tetracyclohexyl ester

Other names:	tetracyclohexyl orthosilicate
Inchi:	InChI=1S/C24H44O4Si/c1-5-13-21(14-6-1)25-29(26-22-15-7-2-8-16-22,27-23-17-9-3-10-
InchiKey:	KKZOJPJHWKWAID-UHFFFAOYSA-N
Formula:	C24H44O4Si
SMILES:	C1CCC(O[Si](OC2CCCCC2)(OC2CCCCC2)OC2CCCCC2)CC1
Mol. weight [g/mol]:	424.69
CAS:	15717-29-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.04		Crippen Method
logp	6.819		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C15717290&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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<https://www.cheméo.com/cid/18-263-0/Silicic-acid-tetracyclohexyl-ester.pdf>

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