

Silanetetrol, tetraacetate

Other names:	tetraacetoxysilane
Inchi:	InChI=1S/C8H12O8Si/c1-5(9)13-17(14-6(2)10,15-7(3)11)16-8(4)12/h1-4H3
InchiKey:	YZVRVDPMGYFCGL-UHFFFAOYSA-N
Formula:	C8H12O8Si
SMILES:	CC(=O)O[Si](OC(C)=O)(OC(C)=O)OC(C)=O
Mol. weight [g/mol]:	264.26
CAS:	562-90-3

Physical Properties

Property code	Value	Unit	Source
log10ws	1.58		Crippen Method
logp	-0.326		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=C562903&Units=SI

Legend

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

Latest version available from:

<https://www.cheméo.com/cid/32-543-3/Silanetetrol-tetraacetate.pdf>

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