

1,3,5,7-Tetrasilatricyclo[3.3.1.13,7]decane,1,3,5,7-t

Other names:	1,3,5,7-Tetramethyl-1,3,5,7-tetrasiladamantane
Inchi:	InChI=1S/C10H24Si4/c1-11-5-12(2)8-13(3,6-11)10-14(4,7-11)9-12/h5-10H2,1-4H3
InchiKey:	XMNIPURNPMVXKW-UHFFFAOYSA-N
Formula:	C10H24Si4
SMILES:	C[Si]12C[Si]3(C)C[Si](C)(C1)C[Si](C)(C2)C3
Mol. weight [g/mol]:	256.64
CAS:	17995-33-4

Physical Properties

Property code	Value	Unit	Source
ie	8.45 ± 0.05	eV	NIST Webbook
log10ws	5.91		Crippen Method
logp	3.577		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C17995334&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/76-996-3/1-3-5-7-Tetrasilatricyclo-3-3-1-13-7-decane-1-3-5-7-tetramethyl.pdf>

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