

Trimethyl(n-pentyl)silane

Other names:	Silane, trimethyl pentyl
Inchi:	InChI=1S/C8H20Si/c1-5-6-7-8-9(2,3)4/h5-8H2,1-4H3
InchiKey:	SGLFWYWGTJDPPC-UHFFFAOYSA-N
Formula:	C8H20Si
SMILES:	CCCCC[Si](C)(C)C
Mol. weight [g/mol]:	144.33
CAS:	1641-49-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.64		Crippen Method
logp	3.515		Crippen Method
rinpol	814.00		NIST Webbook
rinpol	814.00		NIST Webbook
rinpol	814.00		NIST Webbook

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=C1641492&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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<https://www.cheméo.com/cid/34-671-9/Trimethyl-n-pentyl-silane.pdf>

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