

# Silane, methyltripropyl-

<b>Other names:</b>	Methyltripropylsilane
<b>Inchi:</b>	InChI=1S/C10H24Si/c1-5-8-11(4,9-6-2)10-7-3/h5-10H2,1-4H3
<b>InchiKey:</b>	KWJGAZUCDCAJLU-UHFFFAOYSA-N
<b>Formula:</b>	C10H24Si
<b>SMILES:</b>	CCC[Si](C)(CCC)CCC
<b>Mol. weight [g/mol]:</b>	172.38
<b>CAS:</b>	995-24-4

## Physical Properties

Property code	Value	Unit	Source
hvap	42.60 ± 0.60	kJ/mol	NIST Webbook
log10ws	-1.48		Crippen Method
logp	4.295		Crippen Method
rinpol	1026.00		NIST Webbook
rinpol	1026.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C995244&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C995244&amp;Units=SI</a>

## Legend

<b>hvap:</b>	Enthalpy of vaporization at standard conditions
<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpol:</b>	Non-polar retention indices

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