

METHYLTRIVINYLSILANE

Other names:	Silane, triethenylmethyl-Trivinylmethylsilane
Inchi:	InChI=1S/C7H12Si/c1-5-8(4,6-2)7-3/h5-7H,1-3H2,4H3
InchiKey:	PKRKCDBTXBGLKV-UHFFFAOYSA-N
Formula:	C7H12Si
SMILES:	C=C[Si](C)(C=C)C=C
Mol. weight [g/mol]:	124.26

Physical Properties

Property code	Value	Unit	Source
hvap	40.00	kJ/mol	Cheméo Relay (1.0)
ie	9.67	eV	Cheméo Relay (1.0)
logp	2.241		Crippen Method
tb	372.78	K	Cheméo Relay (1.0)

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18244956&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	

Legend

hvap:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
logp:	Octanol/Water partition coefficient
tb:	Normal Boiling Point Temperature

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<https://www.chemeo.com/cid/16-984-2/METHYLTRIVINYLSILANE.pdf>

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