

DIVINYLDIMETHYLSILANE

Other names:	Silane, diethenyldimethyl-dimethyldivinylsilane
Inchi:	InChI=1S/C6H12Si/c1-5-7(3,4)6-2/h5-6H,1-2H2,3-4H3
InchiKey:	QRHCILLLMDEFSD-UHFFFAOYSA-N
Formula:	C6H12Si
SMILES:	C=C[Si](C)(C)C=C
Mol. weight [g/mol]:	112.25

Physical Properties

Property code	Value	Unit	Source
hvap	36.89	kJ/mol	Cheméo Relay (1.0)
ie	9.80	eV	NIST Webbook
ie	9.80	eV	NIST Webbook
logp	2.145		Crippen Method
rinpol	647.00		NIST Webbook
rinpol	647.00		NIST Webbook
tb	357.44	K	Cheméo Relay (1.0)

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C10519876&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hvap:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
logp:	Octanol/Water partition coefficient

rinpol: Non-polar retention indices
tb: Normal Boiling Point Temperature

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