

1,2-Dichloro-tetramethyldisilane

Other names:	1,2-Dichloro-tetramethyldisilane 1,2-dichloro-1,1,2,2-tetramethyldisilane
Inchi:	InChI=1S/C4H12Cl2Si2/c1-7(2,5)8(3,4)6/h1-4H3
InchiKey:	SFAZXBAPWCPIER-UHFFFAOYSA-N
Formula:	C4H12Cl2Si2
SMILES:	C[Si](C)(Cl)[Si](C)(C)Cl
Mol. weight [g/mol]:	187.22

Physical Properties

Property code	Value	Unit	Source
ie	9.09	eV	Cheméo Relay (1.0)
logp	2.953		Crippen Method
pc	2778.41	kPa	Cheméo Relay (1.0, beta)
tb	422.50	K	Cheméo Relay (1.0)
tc	612.43	K	Cheméo Relay (1.0)
tf	401.35	K	Cheméo Relay (1.0)

Sources

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):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C4342614&Units=SI

Legend

ie:	Ionization energy
logp:	Octanol/Water partition coefficient
pc:	Critical Pressure
tb:	Normal Boiling Point Temperature

tc: Critical Temperature
tf: Normal melting (fusion) point

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