

2,2,2-Trichloroethanol, trimethylsilyl ether

Other names:	2,2,2-Trichloroethanol, trimethylsilyl ether
Inchi:	InChI=1S/C5H11Cl3OSi/c1-10(2,3)9-4-5(6,7)8/h4H2,1-3H3
InchiKey:	GGUYVDGEJQAJIR-UHFFFAOYSA-N
Formula:	C5H11Cl3OSi
SMILES:	C[Si](C)(C)OCC(Cl)(Cl)Cl
Mol. weight [g/mol]:	221.59

Physical Properties

Property code	Value	Unit	Source
hvap	46.64	kJ/mol	Cheméo Relay (1.0)
logp	3.208		Crippen Method
rinpol	1019.70		NIST Webbook
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tb	443.78	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=C41262388&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hvap:	Enthalpy of vaporization at standard conditions
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature

Latest version available from:

<https://www.chemeo.com/cid/119-867-8/2-2-2-Trichloroethanol-trimethylsilyl-ether.pdf>

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