

1,1,1,3,5,5,5-HEPTAMETHYLTRISILOXANE

Other names:	Bis(trimethylsiloxy)methylsilane Trisiloxane, 1,1,1,3,5,5,5-heptamethyl- 3H-Heptamethyltrisiloxane
Inchi:	InChI=1S/C7H22O2Si3/c1-10(8-11(2,3)4)9-12(5,6)7/h10H,1-7H3
InchiKey:	QNWOFWQXGHSRH-UHFFFAOYSA-N
Formula:	C7H22O2Si3
SMILES:	C[SiH](O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]:	222.51

Physical Properties

Property code	Value	Unit	Source
logp	2.540		Crippen Method
pc	1481.00 ± 1.47	kPa	NIST Webbook
tb	415.78 ± 0.40	K	NIST Webbook
tc	553.40 ± 0.55	K	NIST Webbook

Sources

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C1873887&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Cheméo Relay (1.0):

Legend

logp:	Octanol/Water partition coefficient
pc:	Critical Pressure
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature

Latest version available from:

<https://www.cheméo.com/cid/68-772-0/1-1-1-3-5-5-5-HEPTAMETHYLTRISILOXANE.pdf>

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