

1-Propanol, DMTBS

Other names:	1-Propanol, O-TBDMS
Inchi:	InChI=1S/C9H22OSi/c1-7-8-10-11(5,6)9(2,3)4/h7-8H2,1-6H3
InchiKey:	FPTCHHKCUSVAOO-UHFFFAOYSA-N
Formula:	C9H22OSi
SMILES:	CCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	174.36

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.73		Crippen Method
logp	3.418		Crippen Method
rinpol	907.00		NIST Webbook
rinpol	907.00		NIST Webbook
rinpol	907.00		NIST Webbook
ripol	919.00		NIST Webbook
ripol	919.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R65221&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices
ripol:	Polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/63-349-5/1-Propanol-DMTBS.pdf>

Generated by Cheméo on 2025-12-06 05:52:26.963446655 +0000 UTC m=+4748544.493487321.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.