

1- $\{[tert\text{-Butyl(dimethyl)silyl}]\text{oxy}\}$ propan-2-ol

Other names:	1- $\{[tert\text{-Butyl(dimethyl)silyl}]\text{oxy}\}$ propan-2-ol 1- $\{[tert\text{-Butyl(dimethyl)silyl}]\text{oxy}\}$ propan-2-ol
Inchi:	InChI=1S/C9H22O2Si/c1-8(10)7-11-12(5,6)9(2,3)4/h8,10H,7H2,1-6H3
InchiKey:	BJDDRAYUVSVPPR-UHFFFAOYSA-N
Formula:	C9H22O2Si
SMILES:	<chem>CC(O)CO[Si](C)(C)C(C)(C)C</chem>
Mol. weight [g/mol]:	190.36

Physical Properties

Property code	Value	Unit	Source
hvap	57.34	kJ/mol	Cheméo Relay (1.0)
logp	2.389		Crippen Method
pc	2300.94	kPa	Cheméo Relay (1.0, beta)
rinpol	1072.10		NIST Webbook
rinpol	1072.10		NIST Webbook
tb	481.91	K	Cheméo Relay (1.0)
tc	654.09	K	Cheméo Relay (1.0)

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333035&Units=SI
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):	

Legend

hvap:	Enthalpy of vaporization at standard conditions
logp:	Octanol/Water partition coefficient
pc:	Critical Pressure

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

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