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

Other names: 1-([tert-Butyl(dimethyl)silyl]oxy)propan-2-ol
1-{[tert-Butyl(dimethyl)silyl]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: CC(O)CO[Si](C)(C)C(C)(C)C
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