Ethanol, tert-butyldimethylsilyl ether

Inchi: InChI=1S/C8H20OSi/c1-7-9-10(5,6)8(2,3)4/h7H2,1-6H3
InchiKey: BXYXWBBROYOLIG-UHFFFAOYSA-N
Formula: C8H20OSi
SMILES: CCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 160.33

Physical Properties

Property code	Value	Unit	Source
hvap	42.33	kJ/mol	Cheméo Relay (1.0)
ie	9.31	eV	Cheméo Relay (1.0)
logp	3.028		Crippen Method
pc	2447.11	kPa	Cheméo Relay (1.0, beta)
rinpol	827.00		NIST Webbook
rinpol	827.00		NIST Webbook
rinpol	827.00		NIST Webbook
ripol	834.00		NIST Webbook
ripol	834.00		NIST Webbook
ripol	834.00		NIST Webbook
tb	413.88	K	Cheméo Relay (1.0)
tf	231.71	K	Cheméo Relay (1.0)

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C17348651&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
ie:	Ionization energy
logp:	Octanol/Water partition coefficient
pc:	Critical Pressure
rinpol:	Non-polar retention indices
ripol:	Polar retention indices
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point