ETHANOL, 2-[(TRIMETHYLSILYL)OXY]-

Other names:	2-(Trimethylsilyloxy)ethanol
	Ethylene glycol, tms derivative
Inchi:	InChI=1S/C5H14O2Si/c1-8(2,3)7-5-4-6/h6H,4-5H2,1-3H3
InchiKey:	LCUMNKGLHJRIMH-UHFFFAOYSA-N
Formula:	C5H14O2Si
SMILES:	C[Si](C)(C)OCCO
Mol. weight [g/mol]:	134.25

Physical Properties

Property code	Value	Unit	Source
hf	-582.77	kJ/mol	Cheméo Relay (1.0)
hvap	49.81	kJ/mol	Cheméo Relay (1.0)
ie	9.92	eV	Cheméo Relay (1.0)
logp	0.830		Crippen Method
pc	2666.91	kPa	Cheméo Relay (1.0, beta)
rinpol	827.10		NIST Webbook
rinpol	827.10		NIST Webbook
tb	432.94	K	Cheméo Relay (1.0)
tc	588.53	K	Cheméo Relay (1.0)
tf	221.53	K	Cheméo Relay (1.0)

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C4403138&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
logp:	Octanol/Water partition coefficient
pc:	Critical Pressure
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point