

Silane, ethoxytrimethyl-

Other names:	Ethoxytrimethylsilane Trimethylethoxysilane Ethyl trimethylsilyl ether Silane, trimethylethoxy- Trimethylsilyl ethyl ether CT2970 EXP-51 NSC 43345 Ethanol, trimethylsilyl ether Silane, ethoxy-, trimethoxy
Inchi:	InChI=1S/C5H14OSi/c1-5-6-7(2,3)4/h5H2,1-4H3
InchiKey:	RSIHJDGMBDPTIM-UHFFFAOYSA-N
Formula:	C5H14OSi
SMILES:	CCO[Si](C)(C)C
Mol. weight [g/mol]:	118.25
CAS:	1825-62-3

Physical Properties

Property code	Value	Unit	Source
hvap	38.40 ± 0.60	kJ/mol	NIST Webbook
hvap	38.40 ± 0.30	kJ/mol	NIST Webbook
log10ws	0.95		Crippen Method
logp	1.858		Crippen Method
rinpol	614.00		NIST Webbook
rinpol	614.00		NIST Webbook
rinpol	608.00		NIST Webbook
rinpol	614.00		NIST Webbook
ripol	652.00		NIST Webbook
ripol	652.00		NIST Webbook
tb	348.50 ± 0.50	K	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1825623&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

hvap:	Enthalpy of vaporization at standard conditions
hvapt:	Enthalpy of vaporization at a given temperature
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices
ripol:	Polar retention indices
tb:	Normal Boiling Point Temperature

Latest version available from:

<https://www.chemeo.com/cid/27-162-2/Silane-ethoxytrimethyl.pdf>

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