

Silane, ethoxytriethyl-

Other names:	Ethoxytriethylsilane Triethylethoxysilane
Inchi:	InChI=1S/C8H20OSi/c1-5-9-10(6-2,7-3)8-4/h5-8H2,1-4H3
InchiKey:	DFJDZTPFNSXNAX-UHFFFAOYSA-N
Formula:	C8H20OSi
SMILES:	CCO[Si](CC)(CC)CC
Mol. weight [g/mol]:	160.33
CAS:	597-67-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.31		Crippen Method
logp	3.028		Crippen Method
rinpol	901.00		NIST Webbook
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tb	427.50 ± 0.50	K	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C597671&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature

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