

Silane, triethyl(pentyloxy)-

Other names:	Triethyl(pentyloxy)silane 1-Triethylsilyloxypentane Pentyl triethylsilyl ether Pentyloxytriethylsilane
Inchi:	InChI=1S/C11H26OSi/c1-5-9-10-11-12-13(6-2,7-3)8-4/h5-11H2,1-4H3
InchiKey:	CAZPSHHIYOJOIP-UHFFFAOYSA-N
Formula:	C11H26OSi
SMILES:	CCCCCO[Si](CC)(CC)CC
Mol. weight [g/mol]:	202.41
CAS:	14629-52-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.57		Crippen Method
logp	4.198		Crippen Method
rinpol	1169.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C14629528&Units=SI

Legend

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

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<https://www.chemeo.com/cid/40-521-8/Silane-triethyl-pentyloxy.pdf>

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