

Silane, diethyl(2-pentyloxy)propoxy-

Inchi:	InChI=1S/C12H28O2Si/c1-6-10-12(5)14-15(8-3,9-4)13-11-7-2/h12H,6-11H2,1-5H3
InchiKey:	RICGLIVNCYFBJC-UHFFFAOYSA-N
Formula:	C12H28O2Si
SMILES:	CCCO[Si](CC)(CC)OC(C)CCC
Mol. weight [g/mol]:	232.44

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.76		Crippen Method
logp	4.100		Crippen Method
rinpol	1227.00		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=U362977&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/21-222-1/Silane-diethyl-2-pentyloxy-propoxy.pdf>

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