

Silane, dimethylpentyloxy-pentyloxy-

Other names:	Silane, dimethyl, dipentyloxy Dimethyl[bis(pentyloxy)]silane
Inchi:	InChI=1S/C12H28O2Si/c1-5-7-9-11-13-15(3,4)14-12-10-8-6-2/h5-12H2,1-4H3
InchiKey:	QVRPADXIQWATCJ-UHFFFAOYSA-N
Formula:	C12H28O2Si
SMILES:	CCCCCO[Si](C)(C)OCCCC
Mol. weight [g/mol]:	232.44

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.65		Crippen Method
logp	4.102		Crippen Method
rinpol	1278.80		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=U346822&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/45-984-0/Silane-dimethylpentyloxy-pentyloxy.pdf>

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