

Silane, diethyldipentyloxy-

Other names:	Dipentyloxydiethylsilane
Inchi:	InChI=1S/C14H32O2Si/c1-5-9-11-13-15-17(7-3,8-4)16-14-12-10-6-2/h5-14H2,1-4H3
InchiKey:	IPHSSQMYLFXLU-UHFFFAOYSA-N
Formula:	C14H32O2Si
SMILES:	CCCCCO[Si](CC)(CC)OCCCCC
Mol. weight [g/mol]:	260.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.49		Crippen Method
logp	4.882		Crippen Method
rinpol	1394.00		NIST Webbook
rinpol	1459.00		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=U363031&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/48-245-7/Silane-diethyldipentyloxy.pdf>

Generated by Cheméo on 2024-04-25 14:50:46.439981168 +0000 UTC m=+16345895.360558483.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.