

Silane, dimethyldihexyloxy-

Other names:	bis(Hexyloxy)(dimethyl)silane Dihexyloxydimethylsilane
Inchi:	InChI=1S/C14H32O2Si/c1-5-7-9-11-13-15-17(3,4)16-14-12-10-8-6-2/h5-14H2,1-4H3
InchiKey:	AIBXROJFINODCQ-UHFFFAOYSA-N
Formula:	C14H32O2Si
SMILES:	CCCCCO[Si](C)(C)OCCCCC
Mol. weight [g/mol]:	260.49
CAS:	17957-66-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.49		Crippen Method
logp	4.882		Crippen Method
rinpol	1487.00		NIST Webbook
rinpol	1458.70		NIST Webbook
rinpol	1459.60		NIST Webbook
rinpol	1487.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C17957663&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/119-965-9/Silane-dimethyldihexyloxy.pdf>

Generated by Cheméo on 2024-04-27 14:38:22.654763098 +0000 UTC m=+16517951.575340422.

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