

Silane, dipropoxy-, dibutyloxy-

Other names:	Silane, dipropoxy-, dibutyloxy-
Inchi:	InChI=1S/C14H32O4Si/c1-5-9-13-17-19(15-11-7-3,16-12-8-4)18-14-10-6-2/h5-14H2,1-4H
InchiKey:	TYGILNMMQISXHH-UHFFFAOYSA-N
Formula:	C14H32O4Si
SMILES:	CCCCO[Si](OCCC)(OCCC)OCCCC
Mol. weight [g/mol]:	292.49
CAS:	55683-16-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.83		Crippen Method
logp	3.909		Crippen Method
rinpol	1328.00		NIST Webbook
rinpol	1323.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C55683164&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/38-892-0/Silane-dipropoxy-dibutyloxy.pdf>

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