

Silane, tripropoxy-, butyloxy-

Other names:	Silane, tripropoxy-, butyloxy-
Inchi:	InChI=1S/C13H30O4Si/c1-5-9-13-17-18(14-10-6-2,15-11-7-3)16-12-8-4/h5-13H2,1-4H3
InchiKey:	PNFOEDYLYMYPNJ-UHFFFAOYSA-N
Formula:	C13H30O4Si
SMILES:	CCCCO[Si](OCCC)(OCCC)OCCC
Mol. weight [g/mol]:	278.46
CAS:	55683-12-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.41		Crippen Method
logp	3.519		Crippen Method
rinpol	1247.00		NIST Webbook
rinpol	1243.00		NIST Webbook
rinpol	1247.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C55683120&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/122-571-2/Silane-tripropoxy-butylxy.pdf>

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