

Silicic acid (H₄SiO₄), tributyl propyl ester

Other names:	Silane, propoxy-, tributyloxy- Silane, propyloxy-, tributyloxy-
Inchi:	InChI=1S/C15H34O4Si/c1-5-9-13-17-20(16-12-8-4,18-14-10-6-2)19-15-11-7-3/h5-15H2,
InchiKey:	PZOOKGCOFWELU-UHFFFAOYSA-N
Formula:	C15H34O4Si
SMILES:	CCCCO[Si](OCCC)(OCCCC)OCCCC
Mol. weight [g/mol]:	306.51
CAS:	55683-20-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.25		Crippen Method
logp	4.299		Crippen Method
rinpol	1408.00		NIST Webbook
rinpol	1402.00		NIST Webbook
rinpol	1408.00		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=C55683200&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/93-462-6/Silicic-acid-H4SiO4-tributyl-propyl-ester.pdf>

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