

Silane, triethoxy-, butyloxy-

Other names:	Silane, triethoxy, butoxy
Inchi:	InChI=1S/C10H24O4Si/c1-5-9-10-14-15(11-6-2,12-7-3)13-8-4/h5-10H2,1-4H3
InchiKey:	ROQBUFODTIIROY-UHFFFAOYSA-N
Formula:	C10H24O4Si
SMILES:	CCCCO[Si](OCC)(OCC)OCC
Mol. weight [g/mol]:	236.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.15		Crippen Method
logp	2.348		Crippen Method
rinpol	1018.00		NIST Webbook
rinpol	1016.60		NIST Webbook
rinpol	1018.00		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=R138319&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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<https://www.chemeo.com/cid/55-383-6/Silane-triethoxy-butylloxy.pdf>

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