

Ethyltributoxysilane

Other names:	Tributoxy(ethyl)silane Tributyloxyethylsilane
Inchi:	InChI=1S/C14H32O3Si/c1-5-9-12-15-18(8-4,16-13-10-6-2)17-14-11-7-3/h5-14H2,1-4H3
InchiKey:	GIHPVQDFBJMUAO-UHFFFAOYSA-N
Formula:	C14H32O3Si
SMILES:	CCCCO[Si](CC)(OCCCC)OCCCC
Mol. weight [g/mol]:	276.49
CAS:	17957-38-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.16		Crippen Method
logp	4.395		Crippen Method
rinpol	1353.00		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C17957389&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/114-747-6/Ethyltributoxysilane.pdf>

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