

Tributyloxymethylsilane

Other names:	Methyl tributoxysilane
Inchi:	InChI=1S/C13H30O3Si/c1-5-8-11-14-17(4,15-12-9-6-2)16-13-10-7-3/h5-13H2,1-4H3
InchiKey:	GYZQBXUDWTVJDF-UHFFFAOYSA-N
Formula:	C13H30O3Si
SMILES:	CCCCO[Si](C)(OCCCC)OCCCC
Mol. weight [g/mol]:	262.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.74		Crippen Method
logp	4.005		Crippen Method
rinpole	1271.00		NIST Webbook
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rinpole	1271.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R160811&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
rinpole:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/120-023-2/Tributyloxymethylsilane.pdf>

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