

Silane, methoxy-, tributylloxy-

Inchi: InChI=1S/C13H30O4Si/c1-5-8-11-15-18(14-4,16-12-9-6-2)17-13-10-7-3/h5-13H2,1-4H3
InchiKey: HSDAZXVGQVMFAY-UHFFFAOYSA-N
Formula: C13H30O4Si
SMILES: CCCCCO[Si](OC)(OCCCC)OCCCC
Mol. weight [g/mol]: 278.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.41		Crippen Method
logp	3.519		Crippen Method
rinpol	1306.00		NIST Webbook
rinpol	1308.10		NIST Webbook
rinpol	1306.00		NIST Webbook
rinpol	1306.00		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=R138295&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/55-776-0/Silane-methoxy-tributylloxy.pdf>

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