

Silane, tributyl methyl

Inchi: InChI=1S/C13H30Si/c1-5-8-11-14(4,12-9-6-2)13-10-7-3/h5-13H2,1-4H3
InchiKey: APAGRTQNPXGJOA-UHFFFAOYSA-N
Formula: C13H30Si
SMILES: CCCC[Si](C)(CCCC)CCCC
Mol. weight [g/mol]: 214.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.73		Crippen Method
logp	5.465		Crippen Method
rinpol	1264.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R986&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/80-032-7/Silane-tributyl-methyl.pdf>

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