

Silane, trimethoxy-, butyloxy-

Inchi: InChI=1S/C7H18O4Si/c1-5-6-7-11-12(8-2,9-3)10-4/h5-7H2,1-4H3
InchiKey: GPLARHNOLLDPGA-UHFFFAOYSA-N
Formula: C7H18O4Si
SMILES: CCCCCO[Si](OC)(OC)OC
Mol. weight [g/mol]: 194.30

Physical Properties

Property code	Value	Unit	Source
log10ws	1.10		Crippen Method
logp	1.178		Crippen Method
rinsol	894.00		NIST Webbook
rinsol	900.70		NIST Webbook
rinsol	894.00		NIST Webbook
rinsol	894.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R138339&Units=SI>

Legend

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

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<https://www.cheméo.com/cid/64-607-7/Silane-trimethoxy-butyloxy.pdf>

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