

Silane, dimethoxy-, propyloxy-, butyloxy-

Inchi: InChI=1S/C9H22O4Si/c1-5-7-9-13-14(10-3,11-4)12-8-6-2/h5-9H2,1-4H3
InchiKey: ONYZPHPQDLUFSW-UHFFFAOYSA-N
Formula: C9H22O4Si
SMILES: CCCCCO[Si](OC)(OC)OCCC
Mol. weight [g/mol]: 222.35

Physical Properties

Property code	Value	Unit	Source
log10ws	0.26		Crippen Method
logp	1.958		Crippen Method
rinpol	1025.90		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R139085&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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/26-920-1/Silane-dimethoxy-propyloxy-butylxy.pdf>

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