

Silane, dimethoxy-, dipropoxy-

Inchi: InChI=1S/C8H20O4Si/c1-5-7-11-13(9-3,10-4)12-8-6-2/h5-8H2,1-4H3
InchiKey: HOXUFWMHAIJENN-UHFFFAOYSA-N
Formula: C8H20O4Si
SMILES: CCCO[Si](OC)(OC)OCCC
Mol. weight [g/mol]: 208.33

Physical Properties

Property code	Value	Unit	Source
log10ws	0.68		Crippen Method
logp	1.568		Crippen Method
rinpol	934.00		NIST Webbook
rinpol	938.20		NIST Webbook
rinpol	934.00		NIST Webbook
rinpol	934.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R138260&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
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/34-491-9/Silane-dimethoxy-dipropoxy.pdf>

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