

Silane, dimethoxy-, diheptyloxy-

Inchi: InChI=1S/C16H36O4Si/c1-5-7-9-11-13-15-19-21(17-3,18-4)20-16-14-12-10-8-6-2/h5-16H
InchiKey: AQMDVECBMZAIMH-UHFFFAOYSA-N
Formula: C16H36O4Si
SMILES: CCCCCCO[Si](OC)(OC)OCCCCCCC
Mol. weight [g/mol]: 320.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.67		Crippen Method
logp	4.689		Crippen Method
rinpol	1667.00		NIST Webbook
rinpol	1667.00		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=R138448&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/123-806-0/Silane-dimethoxy-diheptyloxy.pdf>

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