

Silane, tripropoxy-, heptyloxy-

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.67		Crippen Method
logp	4.689		Crippen Method
rinpol	1515.00		NIST Webbook
rinpol	1515.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R138755&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/115-610-6/Silane-tripropoxy-heptyloxy.pdf>

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