

Silane, dipropoxy-, dihexyloxy-

Inchi: InChI=1S/C18H40O4Si/c1-5-9-11-13-17-21-23(19-15-7-3,20-16-8-4)22-18-14-12-10-6-2/
InchiKey: YVLZJQRPZGVKQR-UHFFFAOYSA-N
Formula: C18H40O4Si
SMILES: CCCCCCO[Si](OCCC)(OCCC)OCCCCC
Mol. weight [g/mol]: 348.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.50		Crippen Method
logp	5.469		Crippen Method
rinpol	1680.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R138502&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.cheméo.com/cid/48-527-4/Silane-dipropoxy-dihexyloxy.pdf>

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