

Silane, diethyldecyloxy(4-heptyloxy)-

Inchi: InChI=1S/C21H46O2Si/c1-6-11-12-13-14-15-16-17-20-22-24(9-4,10-5)23-21(18-7-2)19-8
InchiKey: HTOCTTCFNMOKBD-UHFFFAOYSA-N
Formula: C21H46O2Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)OC(CCC)CCC
Mol. weight [g/mol]: 358.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.53		Crippen Method
logp	7.611		Crippen Method
rinpol	2016.00		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=U363714&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/27-631-1/Silane-diethyldecyloxy-4-heptyloxy.pdf>

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