

Silane, diethyl(2-decyloxy)heptyloxy-

Inchi: InChI=1S/C21H46O2Si/c1-6-10-12-14-15-17-19-21(5)23-24(8-3,9-4)22-20-18-16-13-11-7
InchiKey: VARLDZKZTDJSDS-UHFFFAOYSA-N
Formula: C21H46O2Si
SMILES: CCCCCCCC(C)O[Si](CC)(CC)OCCCCCCC
Mol. weight [g/mol]: 358.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.53		Crippen Method
logp	7.611		Crippen Method
rinpol	2038.00		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=U363446&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/13-401-1/Silane-diethyl-2-decyloxy-heptyloxy.pdf>

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