

Silane, diethyldodecyloxy(2-heptyloxy)-

Inchi: InChI=1S/C23H50O2Si/c1-6-10-12-13-14-15-16-17-18-20-22-24-26(8-3,9-4)25-23(5)21-1
InchiKey: DKCCLIGXAYYJEE-UHFFFAOYSA-N
Formula: C23H50O2Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)OC(C)CCCC
Mol. weight [g/mol]: 386.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.37		Crippen Method
logp	8.391		Crippen Method
rinpol	2221.00		NIST Webbook
rinpol	2221.00		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=U363725&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/66-274-5/Silane-diethyldodecyloxy-2-heptyloxy.pdf>

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