

Silane, diethylhexadecyloxy(2-hexyloxy)-

Inchi: InChI=1S/C26H56O2Si/c1-6-10-12-13-14-15-16-17-18-19-20-21-22-23-25-27-29(8-3,9-4)
InchiKey: PZITXCBSGFFWNA-UHFFFAOYSA-N
Formula: C26H56O2Si
SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)OC(C)CCCC
Mol. weight [g/mol]: 428.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.63		Crippen Method
logp	9.562		Crippen Method
rinpol	2525.00		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=U363511&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/33-688-2/Silane-diethylhexadecyloxy-2-hexyloxy.pdf>

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