

Silane, diethylheptyloxy(4-octyloxy)-

Inchi: InChI=1S/C19H42O2Si/c1-6-11-13-14-15-18-20-22(9-4,10-5)21-19(16-8-3)17-12-7-2/h19
InchiKey: ONHLUTTVMRKHBG-UHFFFAOYSA-N
Formula: C19H42O2Si
SMILES: CCCCCCO[Si](CC)(CC)OC(CCC)CCCC
Mol. weight [g/mol]: 330.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.70		Crippen Method
logp	6.831		Crippen Method
rinpol	1812.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363749&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/13-218-5/Silane-diethylheptyloxy-4-octyloxy.pdf>

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