

Silane, diethyldecyloxy(2-ethoxyethoxy)-

Inchi: InChI=1S/C18H40O3Si/c1-5-9-10-11-12-13-14-15-16-20-22(7-3,8-4)21-18-17-19-6-2/h5-
InchiKey: QRIBPGFOSPPYKL-UHFFFAOYSA-N
Formula: C18H40O3Si
SMILES: CCCCCCCCCO[Si](CC)(CC)OCCOCC
Mol. weight [g/mol]: 332.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.25		Crippen Method
logp	5.679		Crippen Method
rinpol	1941.00		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=U363523&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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