

Silane, diethyl(2-ethylhexyloxy)hexyloxy-

Inchi: InChI=1S/C18H40O2Si/c1-6-11-13-14-16-19-21(9-4,10-5)20-17-18(8-3)15-12-7-2/h18H,6
InchiKey: OTWXCWUTZGZPLU-UHFFFAOYSA-N
Formula: C18H40O2Si
SMILES: CCCCCCO[Si](CC)(CC)OCC(CC)CCCC
Mol. weight [g/mol]: 316.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.92		Crippen Method
logp	6.298		Crippen Method
rinpol	1752.00		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=U363050&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/22-625-3/Silane-diethyl-2-ethylhexyloxy-hexyloxy.pdf>

Generated by Cheméo on 2024-04-25 08:29:58.989370523 +0000 UTC m=+16323047.909947834.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.