

Silane, diethyl(6-ethyloct-3-yloxy)tridecyloxy-

Inchi: InChI=1S/C27H58O2Si/c1-7-13-14-15-16-17-18-19-20-21-22-25-28-30(11-5,12-6)29-27(
InchiKey: ATUQYCOIBQJTBC-UHFFFAOYSA-N
Formula: C27H58O2Si
SMILES: CCCCCCCCCCCCCO[Si](CC)(CC)OC(CC)CCC(CC)CC
Mol. weight [g/mol]: 442.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.80		Crippen Method
logp	9.808		Crippen Method
rinpol	2531.00		NIST Webbook
rinpol	2531.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363020&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

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/32-505-5/Silane-diethyl-6-ethyloct-3-yloxy-tridecyloxy.pdf>

Generated by Cheméo on 2024-04-30 14:04:25.262462925 +0000 UTC m=+16775114.183040243.

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