

Silane, diethylhexadecyloxypentadecyloxy-

Inchi: InChI=1S/C35H74O2Si/c1-5-9-11-13-15-17-19-21-23-25-27-29-31-33-35-37-38(7-3,8-4)3
InchiKey: YDNCJEGXTFWRHM-UHFFFAOYSA-N
Formula: C35H74O2Si
SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)OCCCCCCCCCCCCCCC
Mol. weight [g/mol]: 555.05

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.28		Crippen Method
logp	13.074		Crippen Method
rinpol	3470.00		NIST Webbook
rinpol	3470.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363974&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/98-898-8/Silane-diethylhexadecyloxypentadecyloxy.pdf>

Generated by Cheméo on 2024-04-24 06:24:42.82389786 +0000 UTC m=+16229131.744475178.

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