

Silane, diethyldecyloxyhexadecyloxy-

Inchi: InChI=1S/C30H64O2Si/c1-5-9-11-13-15-17-18-19-20-21-22-24-26-28-30-32-33(7-3,8-4)3
InchiKey: KVTBSFWGPKWPPE-UHFFFAOYSA-N
Formula: C30H64O2Si
SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)OCCCCCCCCC
Mol. weight [g/mol]: 484.91

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.19		Crippen Method
logp	11.124		Crippen Method
rinpol	2957.00		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=U363331&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/38-218-8/Silane-diethyldecyloxyhexadecyloxy.pdf>

Generated by Cheméo on 2025-05-13 07:53:55.661078721 +0000 UTC m=+2431881.161522946.

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