

Silane, dimethyl(dodec-9-ynyloxy)heptadecyloxy-

Inchi: InChI=1S/C31H62O2Si/c1-5-7-9-11-13-15-17-18-19-20-21-23-25-27-29-31-33-34(3,4)32
InchiKey: LVTFSJYMARYTLA-UHFFFAOYSA-N
Formula: C31H62O2Si
SMILES: CCC#CCCCCCCCCO[Si](C)(C)OCCCCCCCCCCCCCCCCC
Mol. weight [g/mol]: 494.91

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -9.40 | | Crippen Method |
| logp | 10.737 | | Crippen Method |
| rinpol | 3128.00 | | 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=U347879&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.cheméo.com/cid/63-404-3/Silane-dimethyl-dodec-9-ynyloxy-heptadecyloxy.pdf>

Generated by Cheméo on 2024-04-19 21:58:14.279950703 +0000 UTC m=+15853143.200528014.

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