

# Silane, tripropoxy-, hexyloxy-

**Inchi:** InChI=1S/C15H34O4Si/c1-5-9-10-11-15-19-20(16-12-6-2,17-13-7-3)18-14-8-4/h5-15H2,1  
**InchiKey:** QFUKQDZWVVTBBF-UHFFFAOYSA-N  
**Formula:** C15H34O4Si  
**SMILES:** CCCCCO[Si](OCCC)(OCCC)OCCC  
**Mol. weight [g/mol]:** 306.51

## Physical Properties

| Property code | Value   | Unit | Source         |
|---------------|---------|------|----------------|
| log10ws       | -2.25   |      | Crippen Method |
| logp          | 4.299   |      | Crippen Method |
| rinpol        | 1426.00 |      | NIST Webbook   |
| rinpol        | 1426.00 |      | NIST Webbook   |

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R138760&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/83-725-5/Silane-tripropoxy-hexyloxy.pdf>

Generated by Cheméo on 2024-04-29 14:25:46.687855104 +0000 UTC m=+16689995.608432425.

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