

# Silane, methoxy-, triheptyloxy-

**Inchi:** InChI=1S/C22H48O4Si/c1-5-8-11-14-17-20-24-27(23-4,25-21-18-15-12-9-6-2)26-22-19-1  
**InchiKey:** DUWWQAZHOKIDFN-UHFFFAOYSA-N  
**Formula:** C22H48O4Si  
**SMILES:** CCCCCCO[Si](OC)(OCCCCCCC)OCCCCCCC  
**Mol. weight [g/mol]:** 404.70

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.18		Crippen Method
logp	7.029		Crippen Method
rinpol	2116.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>  
**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=R138597&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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