

# Triheptyloxymethylsilane

**Inchi:** InChI=1S/C22H48O3Si/c1-5-8-11-14-17-20-23-26(4,24-21-18-15-12-9-6-2)25-22-19-16-1  
**InchiKey:** ANIZCGCAILJFJL-UHFFFAOYSA-N  
**Formula:** C22H48O3Si  
**SMILES:** CCCCCCO[Si](C)(CCCCCCCC)CCCCCCCC  
**Mol. weight [g/mol]:** 388.70

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.51		Crippen Method
logp	7.516		Crippen Method
rinpol	2085.00		NIST Webbook
rinpol	2085.00		NIST Webbook
rinpol	2085.00		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=R160826&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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<https://www.chemeo.com/cid/25-768-2/Triheptyloxymethylsilane.pdf>

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