

# 2-Tributylsilyloxynaphthalene

**Inchi:** InChI=1S/C22H34OSi/c1-4-7-16-24(17-8-5-2,18-9-6-3)23-22-15-14-20-12-10-11-13-21(2)  
**InchiKey:** LUHWTZRUNJGUSI-UHFFFAOYSA-N  
**Formula:** C22H34OSi  
**SMILES:** CCCC[Si](CCCC)(CCCC)Oc1ccc2ccccc2c1  
**Mol. weight [g/mol]:** 342.59

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.05		Crippen Method
logp	7.564		Crippen Method
rinpol	2324.00		NIST Webbook

## Sources

**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=U307838&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

## 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/48-102-5/2-Tributylsilyloxynaphthalene.pdf>

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