

# 4-Cyano-1-dimethyldodecylsilyloxybenzene

**Inchi:** InChI=1S/C21H35NOSi/c1-4-5-6-7-8-9-10-11-12-13-18-24(2,3)23-21-16-14-20(19-22)15  
**InchiKey:** BKNFNZRXFWDUPI-UHFFFAOYSA-N  
**Formula:** C21H35NOSi  
**SMILES:** CCCCCCCCCC[Si](C)(C)Oc1ccc(C#N)cc1  
**Mol. weight [g/mol]:** 345.59

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.44		Crippen Method
logp	7.063		Crippen Method
rinpol	2469.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307900&Units=SI>  
**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)

## Legend

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

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