

# 1-(Dichloromethyl)dimethylsilyloxypent-2-en-4-yne

**Inchi:** InChI=1S/C8H12Cl2OSi/c1-4-5-6-7-11-12(2,3)8(9)10/h1,5-6,8H,7H2,2-3H3  
**InchiKey:** NZYVBGIIMVMOGL-UHFFFAOYSA-N  
**Formula:** C8H12Cl2OSi  
**SMILES:** C#CC=CCO[Si](C)(C)C(Cl)Cl  
**Mol. weight [g/mol]:** 223.17

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.96		Crippen Method
logp	2.740		Crippen Method
rinpol	1296.00		NIST Webbook
rinpol	1296.00		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=U299451&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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