

# 4-Dimethyldodecylsilyloxy-2-methyloct-5-yne

**InChI:** InChI=1S/C23H46OSi/c1-7-9-11-12-13-14-15-16-17-18-20-25(5,6)  
24-23(19-10-8-2)21-22(3)4/h22-23H,7-9,11-18,20-21H2,1-6H3

**InChI Key:** HPMTVLOJAZJOPU-UHFFFAOYSA-N

**Formula:** C<sub>23</sub>H<sub>46</sub>O<sub>Si</sub>

**SMILES:** CCC#CC(CC(C)C)O[Si](C)(C)CCCCCCCCCCC

**Molecular Weight:** 366.70



## Physical Properties

Property	Value	Unit	Source
$\log P_{\text{oct/wat}}$	7.957		Crippen Method

## Sources

**NIST Webbook:** [http://webbook.nist.gov/cgi/inchi/InChI=1S/C23H46OSi/c1-7-9-11-12-13-14-15-16-17-18-20-25\(5,6\)24-23\(19-10-8-2\)21-22\(3\)4/h22-23H,7-9,11-18,20-21H2,1-6H3](http://webbook.nist.gov/cgi/inchi/InChI=1S/C23H46OSi/c1-7-9-11-12-13-14-15-16-17-18-20-25(5,6)24-23(19-10-8-2)21-22(3)4/h22-23H,7-9,11-18,20-21H2,1-6H3)

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

$\log P_{\text{oct/wat}}$ : Octanol/Water partition coefficient .

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