

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: C₂₃H₄₆OSi

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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