

Silane, dimethyl(dimethyl(but-3-enyloxy)silyloxy)dodecyloxy

Inchi: InChI=1S/C20H44O3Si2/c1-7-9-11-12-13-14-15-16-17-18-20-22-25(5,6)23-24(3,4)21-19
InchiKey: ZAPCEYDXSCYKRL-UHFFFAOYSA-N
Formula: C20H44O3Si2
SMILES: C=CCCO[Si](C)(C)O[Si](C)(C)OCCCCCCCCCCCC
Mol. weight [g/mol]: 388.73

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -2.58 | | Crippen Method |
| logp | 6.937 | | Crippen Method |
| rinpol | 1995.00 | | NIST Webbook |
| rinpol | 1995.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U348041&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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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