

Silane, diethyldodecyloxy(3-methylpent-2-yloxy)-

Inchi: InChI=1S/C22H48O2Si/c1-7-11-12-13-14-15-16-17-18-19-20-23-25(9-3,10-4)24-22(6)21
InchiKey: DPHIZVIIHSCDER-UHFFFAOYSA-N
Formula: C22H48O2Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)OC(C)C(C)CC
Mol. weight [g/mol]: 372.70

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -5.71 | | Crippen Method |
| logp | 7.857 | | Crippen Method |
| rinpol | 2148.00 | | NIST Webbook |
| rinpol | 2148.00 | | NIST Webbook |

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363768&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/51-147-2/Silane-diethyldodecyloxy-3-methylpent-2-yloxy.pdf>

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