

Silane, diethyldodecyloxy(4-heptyloxy)-

Inchi: InChI=1S/C23H50O2Si/c1-6-11-12-13-14-15-16-17-18-19-22-24-26(9-4,10-5)25-23(20-7)
InchiKey: GPAXFRVMRGZIRJ-UHFFFAOYSA-N
Formula: C23H50O2Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)OC(CCC)CCC
Mol. weight [g/mol]: 386.73

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -6.37 | | Crippen Method |
| logp | 8.391 | | Crippen Method |
| rinpol | 2192.00 | | NIST Webbook |
| rinpol | 2192.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363716&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

Latest version available from:

<https://www.cheméo.com/cid/64-371-9/Silane-diethyldodecyloxy-4-heptyloxy.pdf>

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