

Silane, diethyloctyloxy(4-octyloxy)-

Inchi: InChI=1S/C20H44O2Si/c1-6-11-13-14-15-16-19-21-23(9-4,10-5)22-20(17-8-3)18-12-7-2/
InchiKey: LOPGDHKRNMWNOW-UHFFFAOYSA-N
Formula: C20H44O2Si
SMILES: CCCCCCCO[Si](CC)(CC)OC(CCC)CCCC
Mol. weight [g/mol]: 344.65

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -5.11 | | Crippen Method |
| logp | 7.221 | | Crippen Method |
| rinpol | 1907.00 | | 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=U363750&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/16-340-6/Silane-diethyloctyloxy-4-octyloxy.pdf>

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