

Silane, diethyl(2,5-dimethylphenoxy)heptyloxy-

Inchi: InChI=1S/C19H34O2Si/c1-6-9-10-11-12-15-20-22(7-2,8-3)21-19-16-17(4)13-14-18(19)5/
InchiKey: NOILVDPUKVPBMT-UHFFFAOYSA-N
Formula: C19H34O2Si
SMILES: CCCCCCO[Si](CC)(CC)Oc1cc(C)ccc1C
Mol. weight [g/mol]: 322.56

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -4.45 | | Crippen Method |
| logp | 6.151 | | Crippen Method |
| rinpol | 1955.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363260&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/21-003-4/Silane-diethyl-2-5-dimethylphenoxy-heptyloxy.pdf>

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