

Silane, diethylheptyloxy(3-phenylpropoxy)-

Inchi: InChI=1S/C20H36O2Si/c1-4-7-8-9-13-18-21-23(5-2,6-3)22-19-14-17-20-15-11-10-12-16-
InchiKey: TXNIZWJFMKFSSZ-UHFFFAOYSA-N
Formula: C20H36O2Si
SMILES: CCCCCCO[Si](CC)(CC)OCCc1ccccc1
Mol. weight [g/mol]: 336.58

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -4.11 | | Crippen Method |
| logp | 6.105 | | Crippen Method |
| rinpol | 2129.00 | | NIST Webbook |
| rinpol | 2129.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363148&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/30-650-6/Silane-diethylheptyloxy-3-phenylpropoxy.pdf>

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