

Silane, methylvinyl(heptyloxy)decyloxy-

Inchi: InChI=1S/C20H42O2Si/c1-5-8-10-12-13-14-16-18-20-22-23(4,7-3)21-19-17-15-11-9-6-2/
InchiKey: CNUJJVQCZPRNRY-UHFFFAOYSA-N
Formula: C20H42O2Si
SMILES: C=C[Si](C)(OCCCCCCC)OCCCCCCCCC
Mol. weight [g/mol]: 342.63

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -4.94 | | Crippen Method |
| logp | 6.928 | | Crippen Method |
| rinpol | 2004.00 | | NIST Webbook |
| rinpol | 2004.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416865&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/95-732-4/Silane-methylvinyl-heptyloxy-decyloxy.pdf>

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