

Silane, diethylheptyloxy(1-naphthoxy)-

Inchi: InChI=1S/C21H32O2Si/c1-4-7-8-9-12-18-22-24(5-2,6-3)23-21-17-13-15-19-14-10-11-16-
InchiKey: ZRCVSELXRQKQFH-UHFFFAOYSA-N
Formula: C21H32O2Si
SMILES: CCCCCCO[Si](CC)(CC)Oc1cccc2cccc12
Mol. weight [g/mol]: 344.56

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -5.30 | | Crippen Method |
| logp | 6.688 | | Crippen Method |
| rinpol | 2339.00 | | NIST Webbook |

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363800&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/13-269-9/Silane-diethylheptyloxy-1-naphthoxy.pdf>

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