

Silane, dimethyl(2-nitrophenoxy)isohexyloxy-

Inchi: InChI=1S/C14H23NO4Si/c1-12(2)8-7-11-18-20(3,4)19-14-10-6-5-9-13(14)15(16)17/h5-6,
InchiKey: YCQQOQZJCSTQAW-UHFFFAOYSA-N
Formula: C14H23NO4Si
SMILES: CC(C)CCCO[Si](C)(C)Oc1ccccc1[N+](=O)[O-]
Mol. weight [g/mol]: 297.42

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -2.65 | | Crippen Method |
| logp | 4.128 | | Crippen Method |
| rinpol | 1877.00 | | NIST Webbook |

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347231&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.cheméo.com/cid/26-349-6/Silane-dimethyl-2-nitrophenoxy-isohexyloxy.pdf>

Generated by Cheméo on 2024-04-18 15:21:49.676613592 +0000 UTC m=+15742958.597190913.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.