

Silane, dimethyl(2-naphthoxy)hexadecyloxy-

Inchi: InChI=1S/C28H46O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-19-25-29-31(2,3)30-28-24-
InchiKey: AMPLUXXVFMOKCQ-UHFFFAOYSA-N
Formula: C28H46O2Si
SMILES: CCCCCCCCCCCCCCO[Si](C)(C)Oc1cccc2ccccc12
Mol. weight [g/mol]: 442.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.23		Crippen Method
logp	9.418		Crippen Method
rinpol	3079.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347221&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/29-731-8/Silane-dimethyl-2-naphthoxy-hexadecyloxy.pdf>

Generated by Cheméo on 2024-04-29 15:15:39.12916294 +0000 UTC m=+16692988.049740260.

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