

Silane, dimethyl(4-phenylphenoxy)dodecyloxy-

Inchi: InChI=1S/C26H40O2Si/c1-4-5-6-7-8-9-10-11-12-16-23-27-29(2,3)28-26-21-19-25(20-22-
InchiKey: QTKXEPDIRVPVSH-UHFFFAOYSA-N
Formula: C26H40O2Si
SMILES: CCCCCCCCCCO[Si](C)(C)Oc1ccc(-c2cccc2)cc1
Mol. weight [g/mol]: 412.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.36		Crippen Method
logp	8.372		Crippen Method
rinpol	2878.00		NIST Webbook
rinpol	2878.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347494&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/86-535-3/Silane-dimethyl-4-phenylphenoxy-dodecyloxy.pdf>

Generated by Cheméo on 2024-04-28 22:54:35.576895234 +0000 UTC m=+16634124.497472549.

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