

Silane, dimethyl(4-cyanophenoxy)tetradecyloxy-

Inchi: InChI=1S/C23H39NO2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-20-25-27(2,3)26-23-18-16-2
InchiKey: STHPYOKMZCUIST-UHFFFAOYSA-N
Formula: C23H39NO2Si
SMILES: CCCCCCCCCCCCCO[Si](C)(C)Oc1ccc(C#N)cc1
Mol. weight [g/mol]: 389.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.94		Crippen Method
logp	7.357		Crippen Method
rinpol	2706.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347100&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.chemeo.com/cid/125-133-5/Silane-dimethyl-4-cyanophenoxy-tetradecyloxy.pdf>

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