

Silane, dimethyl(4-cyanophenoxy)pentadecyloxy-

Inchi:	InChI=1S/C24H41NO2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-21-26-28(2,3)27-24-19-1
InchiKey:	FDCMVHIPKHXUPW-UHFFFAOYSA-N
Formula:	C24H41NO2Si
SMILES:	CCCCCCCCCCCCCO[Si](C)(C)Oc1ccc(C#N)cc1
Mol. weight [g/mol]:	403.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.36		Crippen Method
logp	7.747		Crippen Method
rinpol	2810.00		NIST Webbook
rinpol	2810.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U347101&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.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.chemeo.com/cid/125-132-6/Silane-dimethyl-4-cyanophenoxy-pentadecyloxy.pdf>

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