

Silane, dimethyl(4-cyanophenoxy)tridecyloxy-

Inchi: InChI=1S/C22H37NO2Si/c1-4-5-6-7-8-9-10-11-12-13-14-19-24-26(2,3)25-22-17-15-21(2)
InchiKey: MSNHSKRETIHYIY-UHFFFAOYSA-N
Formula: C22H37NO2Si
SMILES: CCCCCCCCCCCCCO[Si](C)(C)Oc1ccc(C#N)cc1
Mol. weight [g/mol]: 375.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.52		Crippen Method
logp	6.966		Crippen Method
rinpol	2610.00		NIST Webbook
rinpol	2610.00		NIST Webbook

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=U347099&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/49-911-6/Silane-dimethyl-4-cyanophenoxy-tridecyloxy.pdf>

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