

Silane, dimethyl(2-naphthoxy)hexyloxy-

Inchi: InChI=1S/C18H26O2Si/c1-4-5-6-9-15-19-21(2,3)20-18-14-10-12-16-11-7-8-13-17(16)18/
InchiKey: VLLSQWUZOWIQNQ-UHFFFAOYSA-N
Formula: C18H26O2Si
SMILES: CCCCCCO[Si](C)(C)Oc1cccc2cccc12
Mol. weight [g/mol]: 302.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.05		Crippen Method
logp	5.517		Crippen Method
rinpol	2058.00		NIST Webbook
rinpol	2058.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347214&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/97-536-0/Silane-dimethyl-2-naphthoxy-hexyloxy.pdf>

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