

Silane, dimethyl(2-naphthoxy)isobutoxy-

Inchi: InChI=1S/C16H22O2Si/c1-13(2)12-17-19(3,4)18-16-11-7-9-14-8-5-6-10-15(14)16/h5-11,
InchiKey: JBAXWUCDBFTYGU-UHFFFAOYSA-N
Formula: C16H22O2Si
SMILES: CC(C)CO[Si](C)(C)Oc1cccc2ccccc12
Mol. weight [g/mol]: 274.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.97		Crippen Method
logp	4.593		Crippen Method
rinpol	1818.00		NIST Webbook
rinpol	1818.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347210&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/31-019-6/Silane-dimethyl-2-naphthoxy-isobutoxy.pdf>

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