

# Silane, diethylisobutoxy(1-naphthoxy)-

<b>Inchi:</b>	InChI=1S/C18H26O2Si/c1-5-21(6-2,19-14-15(3)4)20-18-13-9-11-16-10-7-8-12-17(16)18/
<b>InchiKey:</b>	IBXNRTATCUSZNL-UHFFFAOYSA-N
<b>Formula:</b>	C18H26O2Si
<b>SMILES:</b>	CC[Si](CC)(OCC(C)C)Oc1cccc2ccccc12
<b>Mol. weight [g/mol]:</b>	302.48

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.80		Crippen Method
logp	5.373		Crippen Method
rinpol	2003.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U363795&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U363795&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpol:</b>	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/48-440-0/Silane-diethylisobutoxy-1-naphthoxy.pdf>

Generated by Cheméo on 2024-04-28 15:01:58.135831918 +0000 UTC m=+16605767.056409230.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.