

Silane, diethylhexyloxy(1-naphthoxy)-

Inchi: InChI=1S/C20H30O2Si/c1-4-7-8-11-17-21-23(5-2,6-3)22-20-16-12-14-18-13-9-10-15-19(2,3)
InchiKey: NUIBVOHEMBGWJZ-UHFFFAOYSA-N
Formula: C20H30O2Si
SMILES: CCCCCCO[Si](CC)(CC)Oc1cccc2ccccc12
Mol. weight [g/mol]: 330.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.88		Crippen Method
logp	6.298		Crippen Method
rinpol	2239.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363799&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/24-180-5/Silane-diethylhexyloxy-1-naphthoxy.pdf>

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