

Silane, diethyldodecyloxy(1-naphthoxy)-

Inchi: InChI=1S/C26H42O2Si/c1-4-7-8-9-10-11-12-13-14-17-23-27-29(5-2,6-3)28-26-22-18-20-
InchiKey: UCPWZTQVEDZMBN-UHFFFAOYSA-N
Formula: C26H42O2Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)Oc1cccc2ccccc12
Mol. weight [g/mol]: 414.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.40		Crippen Method
logp	8.638		Crippen Method
rinpol	2836.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363805&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/59-980-9/Silane-diethyldodecyloxy-1-naphthoxy.pdf>

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