

Silane, diethyldodecyloxy(2-naphthylmethoxy)-

Inchi: InChI=1S/C27H44O2Si/c1-4-7-8-9-10-11-12-13-14-17-22-28-30(5-2,6-3)29-24-25-20-21-
InchiKey: PNHQROUQWWZGJT-UHFFFAOYSA-N
Formula: C27H44O2Si
SMILES: CCCCCCCCCCCCCO[Si](CC)(CC)OCc1ccc2ccccc2c1
Mol. weight [g/mol]: 428.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.66		Crippen Method
logp	8.776		Crippen Method
rinpol	2953.00		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=U363338&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/30-754-1/Silane-diethyldodecyloxy-2-naphthylmethoxy.pdf>

Generated by Cheméo on 2025-12-05 09:27:54.082718495 +0000 UTC m=+4675071.612759160.

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