

Silane, diethyl(dodec-9-ynyloxy)undecyloxy-

Inchi: InChI=1S/C27H54O2Si/c1-5-9-11-13-15-17-19-21-23-25-27-29-30(7-3,8-4)28-26-24-22-2
InchiKey: OILJOHBGTODUON-UHFFFAOYSA-N
Formula: C27H54O2Si
SMILES: CCC#CCCCCCCCCO[Si](CC)(CC)OCCCCCCCCCCC
Mol. weight [g/mol]: 438.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.73		Crippen Method
logp	9.177		Crippen Method
rinpol	2722.00		NIST Webbook
rinpol	2722.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363585&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/55-733-7/Silane-diethyl-dodec-9-ynyloxy-undecyloxy.pdf>

Generated by Cheméo on 2025-12-05 15:55:31.046969674 +0000 UTC m=+4698328.577010329.

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