

Silane, diethyldecyloxy(dodec-9-ynyloxy)-

Inchi: InChI=1S/C26H52O2Si/c1-5-9-11-13-15-17-18-20-22-24-26-28-29(7-3,8-4)27-25-23-21-19
InchiKey: IORZFOXFLJRDF-UHFFFAOYSA-N
Formula: C₂₆H₅₂O₂Si
SMILES: CCC#CCCCCCCCCO[Si](CC)(CC)OCCCCCCCCC
Mol. weight [g/mol]: 424.78

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.31		Crippen Method
logp	8.786		Crippen Method
rinpol	2626.00		NIST Webbook
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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=U363584&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/26-495-4/Silane-diethyldecyloxy-dodec-9-ynyloxy.pdf>

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