

Silane, dimethyldimethyl((dodec-9-ynyloxy)silyloxy)heptyloxy

Inchi: InChI=1S/C23H48O3Si2/c1-7-9-11-13-14-15-16-17-19-21-23-25-28(5,6)26-27(3,4)24-22
InchiKey: NPJCSRMHMDYUQS-UHFFFAOYSA-N
Formula: C23H48O3Si2
SMILES: CCC#CCCCCCCCO[Si](C)(C)O[Si](C)(C)OCCCCCCC
Mol. weight [g/mol]: 428.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.77		Crippen Method
logp	7.554		Crippen Method
rinpol	2289.00		NIST Webbook
rinpol	2289.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347885&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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