

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

Inchi: InChI=1S/C20H42O3Si2/c1-7-9-11-12-13-14-15-16-17-18-20-22-25(5,6)23-24(3,4)21-19
InchiKey: VIBDXJBHAHKPIR-UHFFFAOYSA-N
Formula: C20H42O3Si2
SMILES: CCC#CCCCCCCCCO[Si](C)(C)O[Si](C)(C)OCCCC
Mol. weight [g/mol]: 386.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.52		Crippen Method
logp	6.384		Crippen Method
rinpol	2045.00		NIST Webbook
rinpol	2045.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347883&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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