

Silane, dimethylnonyloxydodecyloxy-

Inchi: InChI=1S/C23H50O2Si/c1-5-7-9-11-13-14-15-17-19-21-23-25-26(3,4)24-22-20-18-16-12
InchiKey: ZZDPVIANDOAXMD-UHFFFAOYSA-N
Formula: C23H50O2Si
SMILES: CCCCCCCCCCCCCO[Si](C)(C)CCCCCCCCC
Mol. weight [g/mol]: 386.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.26		Crippen Method
logp	8.393		Crippen Method
rinpol	2142.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U356051&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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<https://www.cheméo.com/cid/68-160-9/Silane-dimethylnonyloxydodecyloxy.pdf>

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