

Silane, dimethyldinonyloxy-

Other names: Dimethyl[bis(nonyloxy)]silane
Inchi: InChI=1S/C20H44O2Si/c1-5-7-9-11-13-15-17-19-21-23(3,4)22-20-18-16-14-12-10-8-6-2/
InchiKey: MKMIAFBMBNQNQU-UHFFFAOYSA-N
Formula: C20H44O2Si
SMILES: CCCCCCCCCO[Si](C)(C)CCCCCCCCCC
Mol. weight [g/mol]: 344.65
CAS: 18642-68-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.00		Crippen Method
logp	7.223		Crippen Method
rinpol	2022.90		NIST Webbook
rinpol	1974.00		NIST Webbook
rinpol	1974.00		NIST Webbook
rinpol	2022.90		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=C18642687&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/95-193-3/Silane-dimethyldinonyloxy.pdf>

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