

Silane, dimethyl(2-pentyloxy)dodecyloxy-

Inchi: InChI=1S/C19H42O2Si/c1-6-8-9-10-11-12-13-14-15-16-18-20-22(4,5)21-19(3)17-7-2/h19
InchiKey: XQJCGEZYCATHRR-UHFFFAOYSA-N
Formula: C19H42O2Si
SMILES: CCCCCCCCCCO[Si](C)(C)OC(C)CCC
Mol. weight [g/mol]: 330.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.70		Crippen Method
logp	6.831		Crippen Method
rinpol	1913.00		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=U346864&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/50-590-1/Silane-dimethyl-2-pentyloxy-dodecyloxy.pdf>

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