

Silane, dimethylisobutoxydodecyloxy-

Inchi: InChI=1S/C18H40O2Si/c1-6-7-8-9-10-11-12-13-14-15-16-19-21(4,5)20-17-18(2)3/h18H,6
InchiKey: MQBHNTPAXXZYLE-UHFFFAOYSA-N
Formula: C18H40O2Si
SMILES: CCCCCCCCCCO[Si](C)(C)OCC(C)C
Mol. weight [g/mol]: 316.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.92		Crippen Method
logp	6.298		Crippen Method
rinpol	1833.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346771&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

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/99-377-5/Silane-dimethylisobutoxydodecyloxy.pdf>

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