

Silane, dimethyl(dimethylisobutoxysilyloxy)decyloxy-

Inchi: InChI=1S/C18H42O3Si2/c1-8-9-10-11-12-13-14-15-16-19-22(4,5)21-23(6,7)20-17-18(2)3
InchiKey: YPTDLKAFHMTNKV-UHFFFAOYSA-N
Formula: C18H42O3Si2
SMILES: CCCCCCCCCO[Si](C)(C)O[Si](C)(C)OCC(C)C
Mol. weight [g/mol]: 362.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.64		Crippen Method
logp	6.237		Crippen Method
rinpol	1771.00		NIST Webbook
rinpol	1771.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346760&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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<https://www.cheméo.com/cid/114-636-9/Silane-dimethyl-dimethylisobutoxysilyloxy-decyloxy.pdf>

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