

Silane, dimethyl(tetrahydrofurfuryloxy)decyloxy-

Other names: Silane, dimethyl(furfuryloxy)decyloxy-
Inchi: InChI=1S/C17H36O3Si/c1-4-5-6-7-8-9-10-11-15-19-21(2,3)20-16-17-13-12-14-18-17/h17
InchiKey: XFMNWXPHZZXWIE-UHFFFAOYSA-N
Formula: C17H36O3Si
SMILES: CCCCCCCCCO[Si](C)(C)OCC1CCCO1
Mol. weight [g/mol]: 316.55

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.84		Crippen Method
logp	5.041		Crippen Method
rinpol	1955.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347830&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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/67-270-8/Silane-dimethyl-tetrahydrofurfuryloxy-decyloxy.pdf>

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