

Silane, diethyl(3-methylbutoxy)undecyloxy-

Inchi: InChI=1S/C20H44O2Si/c1-6-9-10-11-12-13-14-15-16-18-21-23(7-2,8-3)22-19-17-20(4)5/
InchiKey: HZTNJZWDQBRTL-VUHFFFAOYSA-N
Formula: C₂₀H₄₄O₂Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)OCCC(C)C
Mol. weight [g/mol]: 344.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.76		Crippen Method
logp	7.079		Crippen Method
rinpol	2003.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363000&Units=SI>

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/63-521-3/Silane-diethyl-3-methylbutoxy-undecyloxy.pdf>

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