

Silane, diethyl(2-pentyloxy)undecyloxy-

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.11		Crippen Method
logp	7.221		Crippen Method
rinpol	2095.00		NIST Webbook
rinpol	2095.00		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=U362983&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/25-695-3/Silane-diethyl-2-pentyloxy-undecyloxy.pdf>

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