

Silane, diethyldi(2-octyloxy)-

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.23		Crippen Method
logp	7.219		Crippen Method
rinpol	1876.00		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=U363014&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/53-115-5/Silane-diethyldi-2-octyloxy.pdf>

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