

1-(Dimethyldodecylsilyloxy)hexane

Inchi: InChI=1S/C20H44OSi/c1-5-7-9-11-12-13-14-15-16-18-20-22(3,4)21-19-17-10-8-6-2/h5-2
InchiKey: RRRHMRSDLVARJL-UHFFFAOYSA-N
Formula: C20H44OSi
SMILES: CCCCCCCCCC[Si](C)(C)OCCCCC
Mol. weight [g/mol]: 328.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.33		Crippen Method
logp	7.709		Crippen Method
rinpol	2017.00		NIST Webbook
rinpol	2017.00		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=U299991&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/87-291-3/1-Dimethyldodecylsilyloxy-hexane.pdf>

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