

1-Chloro-2-dimethyl(dodecyl)silyloxybenzene

Inchi: InChI=1S/C20H35ClOSi/c1-4-5-6-7-8-9-10-11-12-15-18-23(2,3)22-20-17-14-13-16-19(20)
InchiKey: XPRDUGOJSQRYPG-UHFFFAOYSA-N
Formula: C20H35ClOSi
SMILES: CCCCCCCCCCCC[Si](C)(C)Oc1ccccc1Cl
Mol. weight [g/mol]: 355.03

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.77		Crippen Method
logp	7.845		Crippen Method
rinpol	2285.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U299088&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/96-557-8/1-Chloro-2-dimethyl-dodecyl-silyloxybenzene.pdf>

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