

4-Chloro-1-dimethyldodecylsilyloxybenzene

Inchi: InChI=1S/C20H35ClOSi/c1-4-5-6-7-8-9-10-11-12-13-18-23(2,3)22-20-16-14-19(21)15-17
InchiKey: PRZOMURAUOBITN-UHFFFAOYSA-N
Formula: C20H35ClOSi
SMILES: CCCCCCCCCC[Si](C)(C)Oc1ccc(Cl)cc1
Mol. weight [g/mol]: 355.03

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.77		Crippen Method
logp	7.845		Crippen Method
rinpol	2313.00		NIST Webbook
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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=U307897&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/98-150-7/4-Chloro-1-dimethyldodecylsilyloxybenzene.pdf>

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