

3,4-Dichloro-1-dimethyldodecylsilyloxybenzene

Inchi: InChI=1S/C20H34Cl2OSi/c1-4-5-6-7-8-9-10-11-12-13-16-24(2,3)23-18-14-15-19(21)20(2)
InchiKey: FEWRUZDCHWFLPH-UHFFFAOYSA-N
Formula: C20H34Cl2OSi
SMILES: CCCCCCCCCCCC[Si](C)(C)Oc1ccc(Cl)c(Cl)c1
Mol. weight [g/mol]: 389.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.45		Crippen Method
logp	8.498		Crippen Method
rinpol	2485.00		NIST Webbook
rinpol	2485.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307901&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/96-560-4/3-4-Dichloro-1-dimethyldodecylsilyloxybenzene.pdf>

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