

1-Dodecyldimethylsilyloxy-2-methylbenzene

Inchi: InChI=1S/C21H38OSi/c1-5-6-7-8-9-10-11-12-13-16-19-23(3,4)22-21-18-15-14-17-20(21)
InchiKey: DRAAIGHEVUIEFU-UHFFFAOYSA-N
Formula: C21H38OSi
SMILES: CCCCCCCCCC[Si](C)(C)Oc1cccc1C
Mol. weight [g/mol]: 334.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.56		Crippen Method
logp	7.500		Crippen Method
rinpol	2197.00		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=U299087&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/87-250-8/1-Dodecyldimethylsilyloxy-2-methylbenzene.pdf>

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