

1-Dimethyldodecylsilyloxy-3-methylbenzene

Inchi: InChI=1S/C21H38OSi/c1-5-6-7-8-9-10-11-12-13-14-18-23(3,4)22-21-17-15-16-20(2)19-2
InchiKey: DUIKANKXLFSEFQ-UHFFFAOYSA-N
Formula: C21H38OSi
SMILES: CCCCCCCCCC[Si](C)(C)Oc1cccc(C)c1
Mol. weight [g/mol]: 334.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.56		Crippen Method
logp	7.500		Crippen Method
rinpol	2187.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307896&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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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