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: CCCCCCCCCCCC[Si](C)(C)Oc1ccccc1C

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
rinpol	2197.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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