

1-Diisopropyloctylsilyloxy-3,5-dimethylbenzene

Inchi:	InChI=1S/C22H40OSi/c1-8-9-10-11-12-13-14-24(18(2)3,19(4)5)23-22-16-20(6)15-21(7)1
InchiKey:	ALCMVOHIJPBNHH-UHFFFAOYSA-N
Formula:	C22H40OSi
SMILES:	CCCCCCCC[Si](Oc1cc(C)cc(C)c1)(C(C)C)C(C)C
Mol. weight [g/mol]:	348.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.04		Crippen Method
logp	7.808		Crippen Method
rinpol	2144.00		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=U307851&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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<https://www.chemeo.com/cid/86-865-7/1-Diisopropyloctylsilyloxy-3-5-dimethylbenzene.pdf>

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