1,3-Difluoro-5-dodecyldimethylsilyloxybenzene

Inchi: InChI=1S/C20H34F2OSi/c1-4-5-6-7-8-9-10-11-12-13-14-24(2,3)23-20-16-18(21)15-19(22

InchiKey: MIINNZRLPNSYGU-UHFFFAOYSA-N

Formula: C20H34F2OSi

SMILES: CCCCCCCCCCCC[Si](C)(C)Oc1cc(F)cc(F)c1

Mol. weight [g/mol]: 356.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.75		Crippen Method
logp	7.470		Crippen Method
rinpol	2062.00		NIST Webbook
rinpol	2062.00		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=U299085&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices