1-Diisopropyloctylsilyloxy-4-nitrobenzene

Inchi: InChI=1S/C20H35NO3Si/c1-6-7-8-9-10-11-16-25(17(2)3,18(4)5)24-20-14-12-19(13-15-2(

InchiKey: VGVZDIPAKAETJG-UHFFFAOYSA-N

Formula: C20H35NO3Si

SMILES: CCCCCCCC[Si](Oc1ccc([N+](=O)[O-])cc1)(C(C)C)C(C)C

Mol. weight [g/mol]: 365.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.73		Crippen Method
logp	7.100		Crippen Method
rinpol	2522.00		NIST Webbook
rinpol	2522.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U307853&Units=SI

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

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices