

1-Isopropoxy-2-trihexylsilyloxybenzene

Inchi: InChI=1S/C27H50O2Si/c1-6-9-12-17-22-30(23-18-13-10-7-2,24-19-14-11-8-3)29-27-21-1
InchiKey: HVSLUZBKCGRMQA-UHFFFAOYSA-N
Formula: C27H50O2Si
SMILES: CCCCC[Si](CCCCC)(CCCCC)Oc1ccccc1OC(C)C
Mol. weight [g/mol]: 434.77

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.83		Crippen Method
logp	9.539		Crippen Method
rinpol	2468.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U299095&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/45-809-4/1-Isopropoxy-2-trihexylsilyloxybenzene.pdf>

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