4-Cyano-1-cyclohexyldimethylsilyloxybenzene

Inchi: InChI=1S/C15H21NOSi/c1-18(2,15-6-4-3-5-7-15)17-14-10-8-13(12-16)9-11-14/h8-11,15H

InchiKey: WUWNHZSDEBUROO-UHFFFAOYSA-N

Formula: C15H21NOSi

SMILES: C[Si](C)(Oc1ccc(C#N)cc1)C1CCCCC1

Mol. weight [g/mol]: 259.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.82		Crippen Method
logp	4.476		Crippen Method
rinpol	1940.00		NIST Webbook
rinpol	1940.00		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=U307884&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices