2-(3-Cyanopropyl)dimethylsilyloxynaphthalene

Inchi: InChI=1S/C16H19NOSi/c1-19(2,12-6-5-11-17)18-16-10-9-14-7-3-4-8-15(14)13-16/h3-4,7
InchiKey: UPTPXTWKULBDCP-UHFFFAOYSA-N
Formula: C16H19NOSi
SMILES: C[Si](C)(CCCC#N)Oc1ccc2ccccc2c1
Mol. weight [g/mol]: 269.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.41		Crippen Method
logp	4.727		Crippen Method
rinpol	2131.00		NIST Webbook
rinpol	2131.00		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=U307935&Units=SI

Legend

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