

4-Cyano-1-tributylsilyloxybenzene

Inchi: InChI=1S/C19H31NOSi/c1-4-7-14-22(15-8-5-2,16-9-6-3)21-19-12-10-18(17-20)11-13-19
InchiKey: FIGJVIWOACFVNV-UHFFFAOYSA-N
Formula: C19H31NOSi
SMILES: CCCC[Si](CCCC)(CCCC)Oc1ccc(C#N)cc1
Mol. weight [g/mol]: 317.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.60		Crippen Method
logp	6.283		Crippen Method
rinpol	2140.00		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=U307835&Units=SI>

Legend

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

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<https://www.chemeo.com/cid/58-248-3/4-Cyano-1-tributylsilyloxybenzene.pdf>

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