

2-Triisobutylsilyloxynaphthalene

Inchi: InChI=1S/C22H34OSi/c1-17(2)14-24(15-18(3)4,16-19(5)6)23-22-12-11-20-9-7-8-10-21(2)
InchiKey: RPHFQQLYZXTUIR-UHFFFAOYSA-N
Formula: C22H34OSi
SMILES: CC(C)C[Si](CC(C)C)(CC(C)C)Oc1ccc2ccccc2c1
Mol. weight [g/mol]: 342.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.33		Crippen Method
logp	7.132		Crippen Method
rinpol	2196.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307961&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/13-634-3/2-Triisobutylsilyloxynaphthalene.pdf>

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