3,5-Dimethyl-1-triisobutylsilyloxybenzene

Inchi: InChI=1S/C20H36OSi/c1-15(2)12-22(13-16(3)4,14-17(5)6)21-20-10-18(7)9-19(8)11-20/h
InchiKey: VVNUKOCRGMUMAR-UHFFFAOYSA-N
Formula: C20H36OSi
SMILES: Cc1cc(C)cc(O[Si](CC(C)C)(CC(C)C)CC(C)C)c1
Mol. weight [g/mol]: 320.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.47		Crippen Method
logp	6.596		Crippen Method
rinpol	1808.00		NIST Webbook
rinpol	1808.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U307956&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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