

1-(Trihexylsilyloxy)butane

Inchi: InChI=1S/C22H48OSi/c1-5-9-13-16-20-24(23-19-12-8-4,21-17-14-10-6-2)22-18-15-11-7-
InchiKey: NERQSDWXSSZVRP-UHFFFAOYSA-N
Formula: C22H48OSi
SMILES: CCCCCC[Si](CCCCC)(CCCCC)OCCCC
Mol. weight [g/mol]: 356.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.17		Crippen Method
logp	8.489		Crippen Method
rinpol	2071.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U300001&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.cheméo.com/cid/12-491-3/1-Trihexylsilyloxy-butane.pdf>

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