2-Trihexylsilyloxybut-3-yne

Inchi: InChI=1S/C22H44OSi/c1-6-10-13-16-19-24(23-22(5)9-4,20-17-14-11-7-2)21-18-15-12-8-

InchiKey: BTJZVMFYBCYTSO-UHFFFAOYSA-N

Formula: C22H44OSi

SMILES: C#CC(C)O[Si](CCCCCC)(CCCCCC)CCCCCC

Mol. weight [g/mol]: 352.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.08		Crippen Method
logp	7.711		Crippen Method
rinpol	2012.00		NIST Webbook
rinpol	2012.00		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=U299520&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices