1-Tripropylsilyloxytridec-2-yne

Inchi: InChI=1S/C22H44OSi/c1-5-9-10-11-12-13-14-15-16-17-18-19-23-24(20-6-2,21-7-3)22-8-

InchiKey: UQROCPWGUGCWNX-UHFFFAOYSA-N

Formula: C22H44OSi

SMILES: CCCCCCCCCCC#CCO[Si](CCC)(CCC)CCC

Mol. weight [g/mol]: 352.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.96		Crippen Method
logp	7.713		Crippen Method
rinpol	2209.00		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=U299518&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices